

# SAFETY DATA SHEET

United States

Section 1. Identification Product name

## HiTrap<sup>™</sup> TALON® crude, 1 ml, 5 x 1 ml

Catalogue Number 28953766

Other means of identification Product type

Not available. Liquid.

Relevant identified uses of the substance or mixture and uses advised against

#### Identified uses

Analytical chemistry. Liquid chromatography. Scientific research and development Industrial applications: Analytical chemistry. Liquid chromatography. Scientific research and development.

#### Supplier

Cytiva Amersham Place Little Chalfont Buckinghamshire HP7 9NA United Kingdom +44 0800 515 313 Cytiva USA 100 Results Way Marlborough, MA 01752 1-800-526-3593

In case of emergency

INFOTRAC - 24 Hour number: 1-800-535-5053 Outside of the United States, call 24 Hour number: 001-352-323-3500 (Call Collect)

## Section 2. Hazards identification

 OSHA/HCS status
 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

 Classification of the substance or mixture
 FLAMMABLE LIQUIDS - Category 3 RESPIRATORY SENSITIZATION - Category 1 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1B TOXIC TO REPRODUCTION - Category 1B

 GHS label elements Hazard pictograms
 Material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Signal word Hazard statements Danger Flammable liquid and vapor. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause cancer. May damage fertility or the unborn child.

Precautionary statements



#### HiTrap™ TALON® crude, 1 ml, 5 x 1 ml

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Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves: 1 - 4 hours (breakthrough time): butyl rubber, neoprene. Wear protective clothing: Recommended: lab coat. Wear eye or face protection: Recommended: safety glasses with side-shields. Wear respiratory protection: Recommended: A respirator is not needed under normal and intended conditions of product use Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Keep container tightly closed. Avoid breathing vapor. Contaminated work clothing must not be allowed out of the workplace.
Response	IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention.
Storage	Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	None known.

## Section 3. Composition/information on ingredients

Substance/mixture Other means of identification	Mixture Not available.		
CAS number/other identifiers CAS number	Not applicable.		
<b>Ingredient name</b> ethanol methanol cobalt		% 14 - 19 1 0.1 - 0.2	CAS number 64-17-5 67-56-1 7440-48-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### **Description of necessary first aid measures**

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In the event of any complaints or symptoms, avoid further exposure.
Skin contact	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Most important symptoms/effe	ects, acute and delayed

#### Most important symptoms/effects, acute and delayed Potential acute health effects

Potential acute health effects	
Eye contact	No known significant effects or critical hazards.
Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin contact	May cause an allergic skin reaction.
Ingestion	No known significant effects or critical hazards.
Over-exposure signs/sympto	ms

#### Eye contact

No specific data.



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Inhalation	Adverse symptoms may include the following:
	wheezing and breathing difficulties
	asthma
	reduced fetal weight
	increase in fetal deaths
Olvin contract	skeletal malformations
Skin contact	Adverse symptoms may include the following: irritation
	redness
	reduced fetal weight
	increase in fetal deaths
	skeletal malformations
Ingestion	Adverse symptoms may include the following:
	reduced fetal weight
	increase in fetal deaths
	skeletal malformations
ndication of immediate medi	ical attention and special treatment needed, if necessary
Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
See toxicological information	ı (Section 11)

## Section 5. Fire-fighting measures

Exting	uishing	media

Extinguishing metila	
Suitable extinguishing media	Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	Do not use water jet.
Specific hazards arising from the chemical	Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for contain	inment and cleaning up
Small spill	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion- proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion- proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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## Section 7. Handling and storage

## Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store between the following temperatures: 2 to 8°C (35.6 to 46.4°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

### **Control parameters**

methanol

<b>Occupational exposure limits</b>
Ingredient name
ethanol

### Exposure limits

ACGIH TLV (United States, 1/2022). Notes: 1996 Adoption Refers to Appendix A Carcinogens. STEL: 1000 ppm 15 minutes. NIOSH REL (United States, 10/2020). Notes: TWA: 1900 mg/m <sup>3</sup> 10 hours. NIOSH REL (United States, 10/2020). TWA: 1000 ppm 10 hours. OSHA PEL (United States, 5/2018). TWA: 1900 mg/m <sup>3</sup> 8 hours. TWA: 1900 ppm 8 hours. TWA: 1900 mg/m <sup>3</sup> 8 hours. TWA: 1900 mg/m <sup>3</sup> 8 hours. TWA: 1900 mg/m <sup>3</sup> 8 hours. TWA: 1000 ppm 8 hours.
ACGIH TLV (United States, 1/2022). Absorbed through skin. Notes: Substances for which there is a Biological Exposure Index or Indices STEL: 328 mg/m <sup>3</sup> 15 minutes. STEL: 250 ppm 15 minutes.
TWA: 262 mg/m <sup>3</sup> 8 hours. TWA: 200 ppm 8 hours. NIOSH REL (United States, 10/2020). Absorbed through skin.
STEL: 325 mg/m <sup>3</sup> 15 minutes. STEL: 250 ppm 15 minutes. TWA: 260 mg/m <sup>3</sup> 10 hours. TWA: 200 ppm 10 hours. <b>OSHA PEL (United States, 5/2018).</b>
TWA: 260 mg/m <sup>3</sup> 8 hours. TWA: 200 ppm 8 hours. <b>OSHA PEL 1989 (United States, 3/1989).</b> <b>Absorbed through skin.</b> STEL: 325 mg/m <sup>3</sup> 15 minutes. STEL: 250 ppm 15 minutes. TWA: 260 mg/m <sup>3</sup> 8 hours. TWA: 200 ppm 8 hours.
OSHA PEL 1989 (United States, 3/1989). Notes: as Co TWA: 0.05 mg/m <sup>3</sup> , (as Co) 8 hours.

cobalt



HITrap <sup>™</sup> TALON® crude, 1 ml, 5	x 1 ml 2895376
	OSHA PEL (United States, 5/2018). Notes: as Co
	TWA: 0.1 mg/m³, (as Co) 8 hours. NIOSH REL (United States, 10/2020). Notes: as Co
	TWA: 0.05 mg/m³, (as Co) 10 hours. Form: Dust and fumes
	ACGIH TLV (United States, 1/2022). [cobalt and inorganic compounds as Co] Skin sensitizer. Inhalation sensitizer. Notes: as Co TWA: 0.02 mg/m³, (as Co) 8 hours. Form: Inorgan ACGIH TLV (United States, 1/2022). [Hard metals containing Cobalt and Tungsten carbide as Co] Inhalation sensitizer. TWA: 0.005 mg/m³ 8 hours. Form: Thoracic fraction
Distantiant sum source indiana	fraction
Biological exposure indices	
No exposure indices known.	
Appropriate engineering controls	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filter or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures	
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Recommended: safety glasses with side-shields
Skin protection	
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all
	times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. 1 - 4 hours (breakthrough time): butyl rubber, neoprene
Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Recommended: lab coat
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: A respirator is not needed under normal and intended conditions of product use.
Personal protective equipment (Pictograms)	

Article Number :



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## Section 9. Physical and chemical properties

Liquid. [and Suspension.]					
solution : Colorless. / Suspension. : Light Red					
Sweetish. Alcohol-like. [Slight]					
5.5 to 8.5 [Conc. (% w/w): 100%]					
Not available.					
Not available.					
Closed cup: 38 to 43°C (100.4 to 109.4°F)					
Not applicable.					
Not applicable.					
Not available.					
Not available.					
Not available.					
Not available.					
	Va	por Pressu	ire at 20°C	Vapor press	ure at 50°C
Ingredient name methanol	<b>mm Hg</b> 126.96	<b>kPa</b> 16.9	Method	mm Hg kPa	Method
ethanol	42.95	5.7			
water	23.8	3.2			
Not available.					
Not available.					
Media	F	Result			
cold water hot water					
Not available.					
Yes.					
ol/ Not applicable.					
Not available.					
Ingredient name		°C	°F	Method	
ethanol		455	851	DIN 51794	
methanol		455	851	DIN 51794	
Not available.					
Not available.					
Not available.					
Not available.					
	solution : Colorless. Sweetish. Alcohol-li Not available. 5.5 to 8.5 [Conc. (% Not available. Not available. Closed cup: 38 to 4 Not available. Not available.	solution : Colorless. / Suspension Sweetish. Alcohol-like. [Slight] Not available. 5.5 to 8.5 [Conc. (% w/w): 100% Not available. Not available. Not available. Not applicable. Not available. Not available.	solution : Colorless. / Suspension. : Light R Sweetish. Alcohol-like. [Slight] Not available. 5.5 to 8.5 [Conc. (% w/w): 100%] Not available. Not available. Not available. Not applicable. Not available. Not available.	solution : Colorless. / Suspension. : Light Red Sweetish. Alcohol-like. [Slight] Not available. 5.5 to 8.5 [Conc. (% w/w): 100%] Not available. Not available. Not available. Not applicable. Not applicable. Not available. Not available. Not available. Not available. Not available. Not available. Methanol 126.96 16.9 ethanol 42.95 5.7 water 23.8 3.2 Not available. Not available.	solution : Colorless. / Suspension. : Light Red Sweetish. Alcohol-like. [Slight] Not available. 5.5 to 8.5 [Conc. (% w/w): 100%] Not available. Not available. Closed cup: 38 to 43°C (100.4 to 109.4°F) Not applicable. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Metia methanol 42.95 5.7 water 23.8 3.2 Not available. Not

## Section 10. Stability and reactivity

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials	Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.



## Section 11. Toxicological information

## Information on toxicological effects

Acute toxicity				
Product/ingredient name	Result	Species	Dose	Exposure
ethanol methanol	LC50 Inhalation Vapor LC50 Inhalation Gas. LC50 Inhalation Gas. LD50 Dermal LD50 Oral	Rat Rat Rat Rabbit Rat	124700 mg/m <sup>3</sup> 145000 ppm 64000 ppm 15800 mg/kg 5600 mg/kg	4 hours 1 hours 4 hours - -
cobalt	LD50 Oral	Rat	1500 mg/kg	-
Irritation/Corrosion Not available.				
Conclusion/Summary				
Skin	Repeated exposure may	cause skin dryness or crackin	g.	
<u>Sensitization</u> Not available.				
<u>Mutagenicity</u> Not available.				
Carcinogenicity Not available.				
<b>Classification</b>				
Product/ingredient name cobalt	OSHA IARC - 2A	<b>NTP</b> Reasonably anticipated to b	e a human carcinogen	
Reproductive toxicity Not available.				
<u>Teratogenicity</u> Not available.				
Specific target organ toxicity (s	<u>single exposure)</u>			
Name		Cotogony	Devite of over cover	Target organs
methanol		Category Category 1	Route of exposure	-
	epeated exposure)		•	-
methanol Specific target organ toxicity (r	epeated exposure)		•	-
methanol <u>Specific target organ toxicity (r</u> Not available. <u>Aspiration hazard</u>			-	-
methanol Specific target organ toxicity (r Not available. Aspiration hazard Not available. Information on the likely routes		Category 1	-	-
methanol Specific target organ toxicity (r Not available. Aspiration hazard Not available. Information on the likely routes of exposure		Category 1 ed: Oral, Dermal, Inhalation, E	-	-
methanol Specific target organ toxicity (r Not available. Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effects Eye contact Inhalation	Routes of entry anticipate No known significant effe May cause allergy or asth	Category 1 ed: Oral, Dermal, Inhalation, E ects or critical hazards. hma symptoms or breathing di	yes.	-
methanol Specific target organ toxicity (r Not available. Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effects Eye contact	Routes of entry anticipate	Category 1 ed: Oral, Dermal, Inhalation, E ects or critical hazards. hma symptoms or breathing di in reaction.	yes.	-
methanol Specific target organ toxicity (r Not available. Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effects Eye contact Inhalation Skin contact	Routes of entry anticipate No known significant effe May cause allergy or ast May cause an allergic sk No known significant effe	Category 1 ed: Oral, Dermal, Inhalation, E ects or critical hazards. hma symptoms or breathing di in reaction. ects or critical hazards.	yes.	-
methanol Specific target organ toxicity (r Not available. Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effects Eye contact Inhalation Skin contact Ingestion	Routes of entry anticipate No known significant effe May cause allergy or ast May cause an allergic sk No known significant effe	Category 1 ed: Oral, Dermal, Inhalation, E ects or critical hazards. hma symptoms or breathing di in reaction. ects or critical hazards.	yes.	-
methanol Specific target organ toxicity (r Not available. Aspiration hazard Not available. Information on the likely routes of exposure Potential acute health effects Eye contact Inhalation Skin contact Ingestion Symptoms related to the physica	Routes of entry anticipate No known significant effe May cause allergy or ast May cause an allergic sk No known significant effe al. chemical and toxicolog	Category 1 ed: Oral, Dermal, Inhalation, E ects or critical hazards. mma symptoms or breathing di in reaction. ects or critical hazards. gical characteristics include the following: difficulties	yes.	-



## HiTrap™ TALON® crude, 1 ml, 5 x 1 ml

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Ingestion	Adverse symptoms may reduced fetal weight increase in fetal deaths skeletal malformations	include the follow	ving:			
<u>Delayed and immediate effects a</u>	nd also chronic effects f	rom short and lo	ong term ex	<u>(posure</u>		
<u>Short term exposure</u>						
Potential immediate effects Potential delayed effects	Not available. Not available.					
Long term exposure						
Potential immediate effects Potential delayed effects	Not available. Not available.					
Potential chronic health effects Not available.						
General Carcinogenicity Mutagenicity Reproductive toxicity	Once sensitized, a sever May cause cancer. Risk No known significant effe May damage fertility or th	of cancer depen	ds on durati		• •	very low level
	May damage lefting of th					
Numerical measures of toxicity						
Acute toxicity estimates						
Product/ingredient name		Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
Media in 20% EtOH + 1% Methar	nol (TALON with 0.1 - 0.2%	5 15115	40395.0	N/A	453.5	N/A
Cobolt) - GROUP ethanol		7000	N/A	N/A	124.7	N/A
methanol cobalt		100 1500	300 N/A	64000 N/A	3 N/A	N/A N/A
Other information Section 12. Ecological in	Adverse symptoms inclue Adverse symptoms may formation					
Section 12. Ecological in <u>Toxicity</u> Product/ingredient name	Adverse symptoms may formation Result	include the follov	ving: central	nervous system		Exposure
Section 12. Ecological in	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 9.3 mg/l Fre Acute LC50 11000000 µ Chronic NOEC 4.995 mg/l Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 2500000 µg Acute LC50 3289 mg/l Fr	Aarine water Fresh water g/I Marine water g/I Marine water I Marine water I Marine water Marine water	ving: central Speci Algae Crust Daph Fish - Algae Daph Algae Crust Adult Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa inia - Daphnia ma e - Ulva pertusa taceans - Crango inia - Daphnia ma - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate	96 hours 48 hours 96 hours 96 hours 96 hours 21 days 96 hours 48 hours 48 hours 96 hours
Section 12. Ecological in <u>Toxicity</u> Product/ingredient name ethanol	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 9.3 mg/l Fre Acute LC50 1100000 µ Chronic NOEC 4.995 mg Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 3289 mg/l Fre Acute LC50 3289 mg/l Fre Chronic NOEC 9.96 mg/l Acute LC50 4400 µg/l Fre	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water i Marine water fresh water ash water fresh water fresh water fresh water	ving: central Spec Algae Crust Daph Fish Algae Crust Algae Crust Adult Daph Fish Algae Daph	ies - Ulva pertusa acceans - Cypris s ania - Daphnia ma - Alburnus alburn - Ulva pertusa ania - Daphnia ma - Ulva pertusa taceans - Crango - Inia - Daphnia ma - Danio rerio - Eg - Ulva pertusa - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna	96 hours 48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours
Section 12. Ecological in <u>Foxicity</u> Product/ingredient name ethanol methanol	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 1074 mg/l F Acute EC50 11000000 µ Chronic NOEC 4.995 mg Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 2500000 µg Acute LC50 3289 mg/l F Acute LC50 290 mg/l Fracute LC50 290 mg/l Fra	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water i Marine water fresh water ash water fresh water fresh water fresh water	ving: central Spec Algae Crust Daph Fish Algae Crust Algae Crust Adult Daph Fish Algae Daph	ies e - Ulva pertusa taceans - Cypris s ania - Daphnia ma - Alburnus alburn e - Ulva pertusa ania - Daphnia ma e - Ulva pertusa taceans - Crango inia - Daphnia ma - Danio rerio - Eg e - Ulva pertusa	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna	96 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 48 hours 48 hours 96 hours 96 hours
Section 12. Ecological in <u>Foxicity</u> <u>Product/ingredient name</u> ethanol methanol cobalt <u>Persistence and degradability</u>	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 9.3 mg/l Fre Acute LC50 11000000 µ Chronic NOEC 4.995 mg/ Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 3289 mg/l Fr Acute LC50 3289 mg/l Fr Acute LC50 2900 mg/l Fre Chronic NOEC 9.96 mg/ Acute LC50 4400 µg/l Fre Acute LC50 3.4 mg/l Fre	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water i Marine water fresh water ash water fresh water fresh water fresh water	ving: central Spec Algae Crust Daph Fish Algae Crust Algae Crust Adult Daph Fish Algae Daph	ies - Ulva pertusa acceans - Cypris s ania - Daphnia ma - Alburnus alburn - Ulva pertusa ania - Daphnia ma - Ulva pertusa taceans - Crango - Inia - Daphnia ma - Danio rerio - Eg - Ulva pertusa - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas	96 hours 48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours
Section 12. Ecological in <u>Toxicity</u> <u>Product/ingredient name</u> ethanol methanol	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 9.3 mg/l Fre Acute LC50 11000000 µ Chronic NOEC 4.995 mg/ Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 3289 mg/l Fre Acute LC50 3289 mg/l Fre Chronic NOEC 9.96 mg/ Acute LC50 3.4 mg/l Fre Test Re	Marine water Fresh water g/l Marine water g/l Marine water I Marine water Marine water Marine water Marine water Marine water Sesh water water water water sesh water	ving: central Speci Algae Crust Daph Fish - Algae Crust Adult Daph Fish - Algae Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa taceans - Crango - Ulva pertusa taceans - Crango - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas	96 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 48 hours 96 hours 96 hours 96 hours 48 hours 96 hours
Section 12. Ecological in <u>Foxicity</u> <u>Product/ingredient name</u> ethanol methanol cobalt <u>Persistence and degradability</u> <u>Product/ingredient name</u>	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 9.3 mg/l Fre Acute LC50 11000000 µ Chronic NOEC 4.995 mg/ Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 3289 mg/l Fre Acute LC50 3289 mg/l Fre Chronic NOEC 9.96 mg/ Acute LC50 3.4 mg/l Fre Test Re	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water i Marine water fresh water ash water sh water sh water esh water esh water ash w	ving: central Speci Algae Crust Daph Fish - Algae Crust Adult Daph Fish - Algae Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa taceans - Crango - Ulva pertusa taceans - Crango - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas	48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours
Section 12. Ecological in <u>Foxicity</u> Product/ingredient name ethanol methanol cobalt <u>Persistence and degradability</u> Product/ingredient name ethanol	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 1074 mg/l F Acute EC50 11000000 µ Chronic NOEC 4.995 mg Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 3289 mg/l Fr Acute LC50 3289 mg/l Fr Acute LC50 290 mg/l Fr Chronic NOEC 9.96 mg/ Acute LC50 3.4 mg/l Fre Test Re - 10	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water i Marine water fresh water ash water esh water esh water sh water esh water ash	ving: central Spec Algae Crust Daph Fish - Algae Crust Daph Algae Crust Adult Daph Fish - Algae Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa taceans - Crango - Ulva pertusa taceans - Crango - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas <b>Inoc</b> -	48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours
Section 12. Ecological in <u>Foxicity</u> Product/ingredient name ethanol methanol cobalt Persistence and degradability Product/ingredient name ethanol Product/ingredient name ethanol methanol	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 9.3 mg/l Fre Acute LC50 11000000 µ Chronic NOEC 4.995 mg Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 2500000 µg Acute LC50 3289 mg/l Fre Chronic NOEC 9.96 mg/ Acute LC50 3.4 mg/l Fre Chronic NOEC 9.96 mg/l Fre Test Re - 10 Aquatic half-life - Fresh water 1 to 10 days	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water i Marine water fresh water ash water esh water esh water sh water esh water ash	ving: central Spec Algae Crust Daph Fish - Algae Crust Daph Algae Crust Adult Daph Fish - Algae Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa taceans - Crango - Ulva pertusa taceans - Crango - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas Inoc - <b>Biodegradabi</b> Readily	48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours
Section 12. Ecological in <u>Foxicity</u> Product/ingredient name ethanol methanol cobalt Persistence and degradability Product/ingredient name ethanol Product/ingredient name ethanol	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 9.3 mg/l Fre Acute LC50 11000000 µ Chronic NOEC 4.995 mg Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 2500000 µg Acute LC50 3289 mg/l Fre Chronic NOEC 9.96 mg/ Acute LC50 3.4 mg/l Fre Chronic NOEC 9.96 mg/l Fre Test Re - 10 Aquatic half-life - Fresh water 1 to 10 days	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water i Marine water fresh water ash water esh water esh water sh water esh water ash	ving: central Speci Algae Crust Daph Fish - Algae Crust Adult Daph Fish - Algae Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa taceans - Crango - Ulva pertusa taceans - Crango - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas Inoc - <b>Biodegradabi</b> Readily	48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours
Section 12. Ecological in <u>Foxicity</u> Product/ingredient name ethanol methanol cobalt Persistence and degradability Product/ingredient name ethanol Product/ingredient name ethanol Bioaccumulative potential Product/ingredient name ethanol	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 1074 mg/l F Acute EC50 100000 µ Chronic NOEC 4.995 mg Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 3289 mg/l Fr Acute LC50 3289 mg/l Fr Acute LC50 3289 mg/l Fr Acute LC50 3290 mg/l Fr Chronic NOEC 9.96 mg/l Acute LC50 3.4 mg/l Free Test Ref - 10 Aquatic half-life - Fresh water 1 to 10 days 30°C LogPow -0.35	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water mesh water fresh water ash water sh water esh water esh water ash water ash water ash water by the ash water ash water a	ving: central Speci Algae Crust Daph Fish - Algae Crust Adult Daph Fish - Algae Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa taceans - Crango - Ulva pertusa taceans - Crango - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas Inoc - <b>Biodegradabi</b> Readily Readily Readily Readily Low	48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours
Section 12. Ecological in <u>Toxicity</u> Product/ingredient name ethanol methanol cobalt Persistence and degradability Product/ingredient name ethanol Product/ingredient name ethanol Bioaccumulative potential Product/ingredient name	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 9.3 mg/l Fr Acute LC50 11000000 µ Chronic NOEC 4.995 mg/ Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 2500000 µg/l Acute LC50 3289 mg/l Fr Acute LC50 2900 mg/l Fr Acute LC50 2900 mg/l Fr Acute LC50 4400 µg/l Fr Acute LC50 3.4 mg/l Fre Test Re - 10 Aquatic half-life - Fresh water 1 to 10 days 30°C LogPow	Marine water Fresh water g/l Marine water g/l Marine water Fresh water I Marine water Marine water Marine water Marine water resh water Sh water esh water esh water sh water esh water esh water ater by a constant BCF	ving: central Spec Algae Crust Daph Fish - Algae Crust Adult Daph Fish - Algae Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa taceans - Crango - Ulva pertusa taceans - Crango - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas <b>Inoc</b> - <b>Biodegradabi</b> Readily Readily Readily <b>Potential</b> Low Low	48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours
Section 12. Ecological in <u>Toxicity</u> Product/ingredient name ethanol methanol cobalt Persistence and degradability Product/ingredient name ethanol Product/ingredient name ethanol Bioaccumulative potential Product/ingredient name ethanol methanol	Adverse symptoms may formation Result Acute EC50 3306 mg/l M Acute EC50 1074 mg/l F Acute EC50 1074 mg/l F Acute EC50 100000 µ Chronic NOEC 4.995 mg Chronic NOEC 100 ul/L Acute EC50 16.912 mg/l Acute LC50 3289 mg/l Fr Acute LC50 3289 mg/l Fr Acute LC50 3289 mg/l Fr Acute LC50 3290 mg/l Fr Chronic NOEC 9.96 mg/l Acute LC50 3.4 mg/l Free Test Ref - 10 Aquatic half-life - Fresh water 1 to 10 days 30°C LogPow -0.35	Aarine water Fresh water g/l Marine water g/l Marine water g/l Marine water l Marine water l Marine water i Marine water resh water ash water sh water esh water ash water ash water by Water ash water ash water ash water ash water by Marine water ash water	ving: central Spec Algae Crust Daph Fish - Algae Crust Adult Daph Fish - Algae Daph Fish -	ies e - Ulva pertusa taceans - Cypris s inia - Daphnia ma - Alburnus alburn e - Ulva pertusa taceans - Crango - Ulva pertusa taceans - Crango - Ulva pertusa - Danio rerio - Eg - Ulva pertusa - Danio rerio - Eg	depression subglobosa agna us agna - Neonate n crangon - agna - Neonate g agna melas Inoc - <b>Biodegradabi</b> Readily Readily Readily Readily Low	48 hours 48 hours 96 hours 96 hours 21 days 96 hours 48 hours 48 hours 96 hours 96 hours 96 hours 96 hours 96 hours 96 hours

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## Section 13. Disposal considerations

Section 13. Disposa					
Disposal methods	product, solutions ar environmental prote requirements. Dispo contractor. Waste s requirements of all a or landfill should onl must be disposed of have not been clean Vapor from product container. Do not cu	aste should be avoided on and any by-products should ction and waste disposal ose of surplus and non-re- hould not be disposed of authorities with jurisdictio y be considered when re- in a safe way. Care should residues may create a hi ut, weld or grind used coo- persal of spilled material	Id at all times com legislation and a ecyclable products f untreated to the n. Waste packag cycling is not feas build be taken whe containers or line ighly flammable oo ntainers unless th	ply with the requiny regional local as via a licensed with sewer unless fullying should be recible. This materian handling emptions may retain sor explosive atmose ey have been cle	irements of authority vaste disposal y compliant with the cycled. Incineration al and its container ed containers that ne product residues. phere inside the aned thoroughly
Waste stream	Code: D001 Classification: Ignita				
	ic hazardous waste "U" Lis	<u>t</u>		<b>•</b> ••••	
Ingredient			CAS #	Status	Reference number
Methanol (I)			67-56-1	Listed	U154
Section 14. Transpo	ort information				
Product is not regulated	as dangerous goods for tra	ansport.			
Section 15. Regulat	ory information				
U.S. Federal regulations	TSCA 8(a) CDR Exe	empt/Partial exemption	: Not determined		
(HAPs) Clean Air Act Section 602 Clean Air Act Section 602 Clean Air Act Section 602 DEA List I Chemicals (Pred DEA List I Chemicals (Pred DEA List II Chemicals (Ess <u>SARA 302/304</u> <u>Composition/information</u> No products were found. SARA 304 RQ <u>SARA 311/312</u>	Class II Substances cursor Chemicals) sential Chemicals) non ingredients Not applicable.	Not listed Not listed Not listed Not listed			
Classification	SKIN SENSITIZATIO CARCINOGENICIT TOXIC TO REPROE	NSITIZATION - Category ON - Category 1	/ 1		
Name	%	Classification			
ethanol	14 - 19	FLAMMABLE LIQUIDS - Category 2 FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 3 ACUTE TOXICITY (dermal) - Category 3 ACUTE TOXICITY (inhalation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1			
methanol	1	FLAMMABLE LIQ ACUTE TOXICITY ACUTE TOXICITY ACUTE TOXICITY SPECIFIC TARGE Category 1	UIDS - Category 2 ( (oral) - Category ( (dermal) - Categ ( (inhalation) - Categ T ORGAN TOXIC	2 3 ory 3 regory 3 CITY (SINGLE EX	(POSURE) -
methanol cobalt		FLAMMABLE LIQ ACUTE TOXICITY ACUTE TOXICITY ACUTE TOXICITY SPECIFIC TARGE	UIDS - Category 2 ( (oral) - Category ( (dermal) - Categ ( (inhalation) - Categ T ORGAN TOXIC ( (oral) - Category 1 (Coral) - Category 1 TON - Category 1 TAGENICITY - Ca TY - Category 1B	2 3 ory 3 legory 3 DITY (SINGLE EX 4 Category 1 tegory 2	(POSURE) -
cobalt	1 0.1 - 0.2	FLAMMABLE LIQ ACUTE TOXICITY ACUTE TOXICITY ACUTE TOXICITY SPECIFIC TARGE Category 1 ACUTE TOXICITY RESPIRATORY S SKIN SENSITIZAT GERM CELL MUT CARCINOGENICI	UIDS - Category 2 ( (oral) - Category ( (dermal) - Category ( (inhalation) - Category ( (oral) - Category 1 CATERNITIZATION - TION - Category 1 CAGENICITY - Ca TY - Category 1B DUCTION - Category 1 CATERNICITY - CATERNICITY - CATERNICATERNICITY - CATERNICITY - C	2 3 ory 3 egory 3 CITY (SINGLE EX 4 Category 1 tegory 2 egory 1B	
cobalt <u>SARA 313</u>	1 0.1 - 0.2 Product name	FLAMMABLE LIQ ACUTE TOXICITY ACUTE TOXICITY ACUTE TOXICITY SPECIFIC TARGE Category 1 ACUTE TOXICITY RESPIRATORY S SKIN SENSITIZAT GERM CELL MUT CARCINOGENICI	UIDS - Category 2 ( (oral) - Category ( (dermal) - Category ( inhalation) - Category ET ORGAN TOXIC ( (oral) - Category 1 CAGENICITY - Ca TY - Category 1B DUCTION - Category 1B DUCTION - Category 1B	2 3 egory 3 CITY (SINGLE EX 4 Category 1 tegory 2 egory 1B number	%
cobalt	1 0.1 - 0.2	FLAMMABLE LIQ ACUTE TOXICITY ACUTE TOXICITY ACUTE TOXICITY SPECIFIC TARGE Category 1 ACUTE TOXICITY RESPIRATORY S SKIN SENSITIZAT GERM CELL MUT CARCINOGENICI	UIDS - Category 2 ( (oral) - Category ( (dermal) - Category ( (inhalation) - Category ET ORGAN TOXIO ( (oral) - Category 1 CAGENICITY - Category 1 TON - Category 1 TAGENICITY - Category 1 DUCTION - Category 1 DUCTION - Category 1 CAGENICITY - CATEGORY 1 CATEGORY - CATEGORY 1 CATEGORY - CATEGORY 1 CATEGORY - CATEGORY 1 CATEGORY - CATEGORY - CATEGORY 1 CATEGORY - CATEGORY - CATEGORY 1 CATEGORY - CATEGORY 1 CATEGORY - CATEGORY - C	2 3 ory 3 legory 3 CITY (SINGLE EX 4 Category 1 tegory 2 legory 1B number 6-1 -48-4	

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

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State regulations					
Massachusetts	The following components are listed: ETHYL ALCOHOL; METHANOL				
New York	The following components are listed: Methanol				
New Jersey	The following components are listed: ETHYL ALCOHOL; METHYL ALCOHOL; COBALT				
Pennsylvania	The following components are listed: ETHANOL; METHANOL				
California Prop. 65					
	, which is known to the State of C	ng Cobalt metal powder, which is known alifornia to cause birth defects or other r			
Ingredient name		No significant risk level	Maximum acceptable dosage level		
Methanol		-	Yes.		
Cobalt metal powder		-	-		
International regulations	List Oshadulaa I. II. 9. III. Ohamiaa				
Not listed.	List Schedules I, II & III Chemica	<u>115</u>			
<u>Montreal Protocol</u> Not listed.					
Stockholm Convention on Pers Not listed.	istent Organic Pollutants				
Rotterdam Convention on Prior	r Informed Consent (PIC)				
Not listed.					
UNECE Aarhus Protocol on PO Not listed.	<u>Ps and Heavy Metals</u>				
Inventory list					
United States	All components are active or exe	empted.			
Canada inventory	All components are listed or exe	•			
Section 16. Other inform	otion	•			
National Fire Protection Associa					
	Flammab	ility			
		bility/Reactivity			
	Special h				
Procedure used to derive the cla	ssification				
	fication	Justificati	on		
FLAMMABLE LIQUIDS - Categor RESPIRATORY SENSITIZATION SKIN SENSITIZATION - Categor CARCINOGENICITY - Category TOXIC TO REPRODUCTION - C History	V - Category 1 y 1 1B	On basis of test data Calculation method Calculation method Calculation method Calculation method			
Date of printing	10/4/2023				
Date of issue/Date of revision	10/4/2023				
Date of previous issue	6/8/2022				
Version	7				
Key to abbreviations	IATA = International Air Transpor IBC = Intermediate Bulk Contair IMDG = International Maritime D LogPow = logarithm of the octar	ner Dangerous Goods nol/water partition coefficient ntion for the Prevention of Pollution Fror			

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#### References

Not available.

Indicates information that has changed from previously issued version.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

