

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name N.4

Contains n-Hexane, Cyclohexane, Naphtha, petroleum, hydrotreated light
Contains Naphtha, petroleum, hydrotreated light, n-Hexane, Cyclohexane

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

Recommended Use Viscometer and/or density measurement equipment calibration and performance verification reference standard

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier

Cannon Instrument Company
2139 High Tech Rd.
State College, PA 16803-1733
TEL: (814) 353-8000; (800) 676-6232

For further information, please contact

E-mail Address No information available.

1.4. Emergency telephone number

Emergency Telephone Number (800) 255-3924 Domestic CHEM-TEL Inc.
+1 (813) 248-0585 Overseas CHEM-TEL Inc. (Please Call Collect)

Europe	112
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Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Aspiration Toxicity	Category 1
Skin Corrosion/Irritation	Category 2
Reproductive Toxicity	Category 2
Specific Target Organ Systemic Toxicity (Single Exposure)	Category 3
Specific Target Organ Toxicity (Repeated Exposure)	Category 2
Chronic Aquatic Toxicity	Category 2

Physical Hazards

Flammable liquids	Category 2
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2.2. Label Elements

**Signal Word****Danger****Hazard Statements**

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H336 - May cause drowsiness or dizziness

H361f - Suspected of damaging fertility

H373 - May cause damage to organs through prolonged or repeated exposure

H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P260 - Do not breathe dust/ fume/ gas/ mist/ vapors/ spray

P370 + P378 - In case of fire: Use CO2, dry chemical, or foam for extinction.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician

P331 - Do NOT induce vomiting

2.3. Other information

Prolonged skin contact may defat the skin and produce dermatitis.

Section 3. Composition/information on ingredients

3.1. Substances**3.2. Mixtures**

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
n-Hexane	203-777-6	110-54-3	40-60	Skin Irrit. 2 (H315) Flam. Liq. 2 (H225) Repr. 2 (H361f) STOT RE 2 (H373) STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411)	No data available
Hexane, Other Isomers	-	-	40-60		No data available
Methylcyclopentane	202-503-2	96-37-7	5-20		No data available
Naphtha, petroleum, hydrotreated light	265-151-9	64742-49-0	<15	Muta. 1B (H340) Carc. 1B (H350) Asp. Tox. 1 (H304)	No data available
Heptane, All Isomers	-	-	<3		No data available
Cyclohexane	203-806-2	110-82-7	<2	Skin Irrit. 2 (H315) Flam. Liq. 2 (H225) STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Obtain medical attention if irritation persists.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Drink plenty of water. Get medical attention.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately if symptoms occur. Artificial respiration and/or oxygen may be necessary. If breathing has stopped, contact emergency medical services immediately.

4.2. Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects Drowsiness. Dizziness. Irritation. Difficulty in breathing. Coughing and/ or wheezing. Nausea. Tremors. Headaches. Neurological disorders. Impairment of vision.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician Aspiration hazard.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Carbon dioxide (CO₂). Foam. Dry chemical.

Extinguishing media which must not be used for safety reasons

No information available.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide, Carbon dioxide.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and materials for containment and cleaning up

Dike to collect large liquid spills. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Clean contaminated surface thoroughly.

6.4. Reference to other sections

See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling

Handling

Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

7.3. Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical Name	EU	Austria	Belgium	Cyprus	Denmark
n-Hexane 110-54-3	TWA 20 ppm TWA 72 mg/m ³	STEL: 80 ppm STEL: 288 mg/m ³ TWA: 20 ppm TWA: 72 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³
Cyclohexane 110-82-7	TWA 200 ppm TWA 700 mg/m ³	STEL: 800 ppm STEL: 2800 mg/m ³ TWA: 200 ppm TWA: 700 mg/m ³	TWA: 100 ppm TWA: 350 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³	TWA: 50 ppm TWA: 172 mg/m ³
Chemical Name	Finland	France	Germany	Gibraltar	Greece
n-Hexane 110-54-3	TWA: 20 ppm TWA: 72 mg/m ³ STEL: 630 ppm STEL: 2300 mg/m ³ Skin	TWA: 20 ppm TWA: 72 mg/m ³ STEL: 1500 mg/m ³ Repr*	TWA: 50 ppm TWA: 180 mg/m ³ Ceiling / Peak: 400 ppm Ceiling / Peak: 1440 mg/m ³ Repr*	TWA: 20 ppm TWA: 72 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³

Methylcyclopentane 96-37-7		TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	TWA: 500 ppm TWA: 1800 mg/m ³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 3600 mg/m ³ Repr*		
Cyclohexane 110-82-7	TWA: 100 ppm TWA: 350 mg/m ³ STEL: 250 ppm STEL: 875 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³ STEL: 375 ppm STEL: 1300 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³ Ceiling / Peak: 800 ppm Ceiling / Peak: 2800 mg/m ³ Repr*	TWA: 200 ppm TWA: 700 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³
Chemical Name	Ireland	Italy	Lithuania	Luxembourg	Malta
n-Hexane 110-54-3	TWA: 20 ppm TWA: 72 mg/m ³ STEL: 60 ppm STEL: 216 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³ TWA: 50 ppm TWA: 176 mg/m ³ Skin	TWA: 20 ppm TWA: 72 mg/m ³ Repr*	TWA: 20 ppm TWA: 72 mg/m ³	
Cyclohexane 110-82-7	TWA: 200 ppm TWA: 700 mg/m ³ STEL: 600 ppm STEL: 2100 mg/m ³	TWA: 100 ppm TWA: 350 mg/m ³ TWA: 344 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³	
Chemical Name	The Netherlands	Norway	Poland	Portugal	Spain
n-Hexane 110-54-3	TWA: 72 mg/m ³ STEL: 144 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Repr*	TWA: 72 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³ Skin	TWA: 20 ppm TWA: 72 mg/m ³
Cyclohexane 110-82-7	TWA: 700 mg/m ³ STEL: 1400 mg/m ³	TWA: 150 ppm TWA: 525 mg/m ³ STEL: 150 ppm STEL: 525 mg/m ³	TWA: 300 mg/m ³ STEL: 1000 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³	TWA: 200 ppm TWA: 700 mg/m ³
Chemical Name		Switzerland	Sweden	The United Kingdom	
n-Hexane 110-54-3		STEL: 400 ppm STEL: 1440 mg/m ³ TWA: 50 ppm TWA: 180 mg/m ³ Skin Repr*	LLV: 25 ppm LLV: 90 mg/m ³ Indicative STLV: 50 ppm Indicative STLV: 180 mg/m ³	TWA: 20 ppm TWA: 72 mg/m ³ STEL: 60 ppm STEL: 216 mg/m ³	
Cyclohexane 110-82-7		STEL: 800 ppm STEL: 2800 mg/m ³ TWA: 200 ppm TWA: 700 mg/m ³	LLV: 200 ppm LLV: 700 mg/m ³	TWA: 100 ppm TWA: 350 mg/m ³ STEL: 300 ppm STEL: 1050 mg/m ³	

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Chemical Name	European Union	Austria	Bulgaria	Croatia	Czech Republic
n-Hexane 110-54-3				150 µg/L blood during exposure n-Hexane 40 ppm final exhaled air during exposure n-Hexane 0.20 mg/g Creatinine urine at the end of the shift 2-Hexanol for all results that are expressed as Creatinine, Creatinine concentration less than 0.5 g/L and greater than 3.0 g/L should not be considered;interference of simultaneous exposure to Methyl	

				methyl ketone 5.30 mg/g Creatinine urine at the end of the shift 2,5-Hexanedione for all results that are expressed as Creatinine, Creatinine concentration less than 0.5 g/L and greater than 3.0 g/L should not be considered;interferenc e of simultaneous exposure to Methyl methyl ketone	
Cyclohexane 110-82-7				220 ppm exhaled air during exposure Cyclohexane 450 µg/L blood during exposure Cyclohexanol 3.20 mg/g Creatinine urine during the second half of the shift Cyclohexanol for all results that are expressed as Creatinine, Creatinine concentration less than 0.5 g/L and greater than 3.0 g/L should not be considered	
Chemical Name	Denmark	Finland	France	Germany	Gibraltar
n-Hexane 110-54-3			5 mg/g creatinine urine end of shift Total 2,5-Hexanedione (with acid hydrolysis) Non-specific (observed after the exposure to other substances)	5 mg/L urine end of shift 2,5-Hexandione plus 4,5-Dihydroxy-2-hexan one after hydrolysis	
Cyclohexane 110-82-7				150 mg/g urine end of shift Total 1,2-Cyclohexandiol after hydrolysis;measured as mg/g Creatinine 150 mg/g urine end of several shifts Total 1,2-Cyclohexandiol after hydrolysis;measured as mg/g Creatinine;for long-term exposures	
Chemical Name	Hungary	Ireland	Italy	Latvia	Luxembourg
n-Hexane 110-54-3	3.5 mg/g Creatinine urine end of shift 2,5-Hexanedione 3.5 µmol/mmol Creatinine urine end of shift 2,5-Hexanedione	0.4 mg/L urine end of shift at end of workweek 2,5-Hexanedione	(ACGIH:) 0.4 mg/L urine end of shift at end of workweek 2,5-Hexanedione (without hydrolysis)		
Chemical Name	Netherlands	Norway	Poland	Portugal	Romania
n-Hexane 110-54-3					5 mg/g Creatinine urine end of shift 2,5-Hexandion
Chemical Name	Slovakia	Spain	Switzerland	United Kingdom	
n-Hexane 110-54-3	5 mg/L urine end of exposure or work shift 2,5-Hexanedione 5 mg/L urine end of exposure or work shift 4,5-Dihydroxy-2-hexanone	0.2 mg/L urine end of workweek 2,5-Hexanedione (without hydrolysis) 1;8	5 mg/L urine end of shift 2,5-Hexanedione plus 4,5-Dihydroxy-2-hexanone N		

Cyclohexane 110-82-7			150 mg/g creatinine urine end of shift, and after several shifts (for long-term exposures) total 1,2-Cyclohexandiol	
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Derived No Effect Level No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	Personal protection equipment should be chosen according to the CEN standards
Eye Protection	Safety glasses with side-shields. If splashes are likely to occur, wear: Goggles.
Skin and Body Protection	Wear fire/flame resistant/retardant clothing.
Hand Protection	Impervious gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.
Respiratory Protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Environmental Exposure Controls No information available.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Colorless
Odor	Hydrocarbon-like		

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	>66 °C	None known
Flash Point	-18 °C	Closed cup
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air	No data available	None known
Vapor Pressure	No data available.	None known
Vapor Density	No data available.	None known
Relative Density	No data available 0.67	None known
Water Solubility	Insoluble in water.	None known
Solubility in other solvents	Soluble in solvents.	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	0.4 cSt @ 40°C	None known

Explosive Properties No information available

Oxidizing Properties No information available

9.2. Other information

VOC Content (%) No information available

Section 10. Stability and reactivity

10.1. Reactivity

Not reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Heat, flames and sparks. Ignitions sources - heat, sparks and open flames.

10.5. Incompatible materials

Strong acids. Bases. Oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides.

Section 11. Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Inhalation

May cause irritation of respiratory tract. May cause drowsiness and dizziness based on components. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

Eye Contact

Contact with eyes may cause irritation.

Skin Contact

Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.

Ingestion

Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Causes central nervous system depression.

Acute Toxicity

183% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral	99,999.00 mg/kg
LD50 Dermal	99,999.00 mg/kg
Gas	225,000.00 mg/L
Dust/Mist	312.50 mg/L
Vapor	99,999.00 mg/L

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
n-Hexane	15000 mg/L (Rat)	= 2000 mg/kg (Rabbit)	= 48000 ppm (Rat) 4 h
Naphtha, petroleum, hydrotreated light	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 73680 ppm (Rat) 4 h
Cyclohexane	= 12705 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 13.9 mg/L (Rat) 4 h

Sensitization

No information available.

Mutagenic Effects

No information available.

Carcinogenic Effects

The classification listed below for the petroleum distillates in this product pertains to those that contain more than 3% DMSO extract as measured by IP 346. The petroleum distillates in this product do not meet that criteria to be classified as carcinogens.

Reproductive Toxicity

Hexane is considered a reproductive hazard. In animal studies, adverse reproductive effect(s) include: Decreased sperm count, Degenerative changes in the testicles.

Developmental Toxicity

No information available.

STOT - single exposure

May cause drowsiness or dizziness.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure: See listed target organs below.

Target Organ Effects

Peripheral Nervous System (PNS). Central nervous system (CNS). Liver. Kidney. Respiratory system. Cardiovascular system.

Neurological Effects

Repeated or prolonged overexposure to solvents may cause permanent damage to the nervous system. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Symptoms

Repeated and prolonged overexposure to n-hexane has been associated with peripheral nerve tissue damage. Adverse effects include numbness, tingling, pain, and loss of muscle control in the extremities, disorientation, impaired vision and reflexes, decline in motor function and paralysis.

Aspiration Hazard

May be fatal if swallowed and enters airways.

Section 12. Ecological information

12.1. Toxicity**Ecotoxicity Effects**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
n-Hexane		LC50 96 h: 2.1 - 2.98 mg/L flow-through (Pimephales promelas)		EC50 24 h: > 1000 mg/L (Daphnia magna)
Naphtha, petroleum, hydrotreated light		LC50 96 h: = 258 mg/L static (Salmo gairdneri)		EC50 48 h: < 0.26 mg/L Static (Daphnia magna) LC50 96 h: = 2.6 mg/L (Chaetogammarus marinus) EC50 24 h: = 36 mg/L (Daphnia magna)
Cyclohexane	EC50 72 h: > 500 mg/L (Desmodesmus subspicatus)	LC50 96 h: 23.03 - 42.07 mg/L static (Pimephales promelas) LC50 96 h: 24.99 - 44.69 mg/L static (Lepomis macrochirus) LC50 96 h: 3.96 - 5.18 mg/L flow-through (Pimephales promelas) LC50 96 h: 48.87 - 68.76 mg/L static (Poecilia reticulata)	EC50 = 85.5 mg/L 5 min EC50 = 93 mg/L 10 min	EC50 24 h: > 400 mg/L (Daphnia magna)

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Chemical Name	Log Pow
Cyclohexane	3.44

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods**Waste from Residues / Unused Products**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

Note: The information provided below may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations for additional requirements and mode-specific, material-specific, or quantity-specific shipping requirements.

IMDG/IMO

14.1. UN-Number	UN1208
14.2. Proper Shipping Name	Hexanes
14.3. Hazard Class	3
14.4. Packing Group	II
Description	UN1208, Hexanes, 3, II, (-18°C c.c.), Marine Pollutant
14.5. Marine Pollutant	This mixture meets the IMDG criteria for being a marine pollutant
Environmental hazard	yes
14.6. Special Provisions	None
EmS No.	F-E, S-D
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available.

RID

14.1. UN-Number	UN1208
14.2. Proper Shipping Name	Hexanes
14.3. Hazard Class	3
14.4. Packing Group	II
Description	UN1208, Hexanes, 3, II
14.5. Environmental hazard	yes
14.6. Special Provisions	None
Classification Code	F1

ADR

14.1. UN-Number	UN1208
14.2. Proper Shipping Name	Hexanes
14.3. Hazard Class	3
ADR/RID-Labels	3
14.4. Packing Group	II
Description	UN1208, Hexanes, 3, II, (D/E)
14.5. Environmental hazard	yes
14.6. Special Provisions	None
Classification Code	F1

ICAO

14.1. UN-Number	UN1208
14.2. Proper shipping name	Hexanes
14.3. Hazard Class	3
14.4. Packing Group	II
Description	UN1208, Hexanes, 3, II
14.5. Environmental hazard	yes
14.6. Special Provisions	None

IATA

14.1. UN-Number	UN1208
14.2. Proper Shipping Name	Hexanes
14.3. Hazard Class	3
14.4. Packing Group	II
Description	UN1208, Hexanes, 3, II
14.5. Environmental hazard	yes
14.6. Special Provisions	None
ERG Code	3H

Section 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

TSCA	-
EINECS/ELINCS	Not determined
DSL/NDSL	Not determined
PICCS	Not determined
ENCS	Not determined
IECSC	Not determined
AICS	Not determined
KECL	Not determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No information available

Section 16. Other information**Full text of H-Statements referred to under sections 2 and 3**

H315 - Causes skin irritation

H225 - Highly flammable liquid and vapor

H361f - Suspected of damaging fertility

H373 - May cause damage to organs (a,b,c) through prolonged or repeated exposure if inhaled

H336 - May cause drowsiness or dizziness

H304 - May be fatal if swallowed and enters airways

H411 - Toxic to aquatic life with long lasting effects

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H340 - May cause genetic defects if inhaled

H350 - May cause cancer if swallowed

Key literature references and sources for data

www.ChemADVISOR.com/

Issuing Date 24-Apr-2014

Revision Date 29-Aug-2017

Revision Note (M)SDS sections updated: 3, 8.

This safety data sheet complies with the requirements of Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No. 1907/2006

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet