

Safety Data Sheet

Revision date: May 16th 2017 Version: A SDS number: 10090844

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product code 10087653, 10087654
Product name Liquid DOT #837
Product category Ink Product

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

Recommended use Printing operations

1.3 Details of the supplier of the safety data sheet

Glunz & Jensen A/S Selandia Park 1 DK - 4100 Ringsted Denmark

Tel: +45 5768 8181 Fax: +45 5768 8340 www.glunz-jensen.com

1.4 Emergency telephone number

USA: Chemtrec day or night: +1 800 424 9300 GB: NATIONAL POISONS EMERGENCY day or night: +44 870 600 6266 24 Hour Emergency Phone Number

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation (EC) No 1272/2008

Reproductive toxicity	Category 1B - (H360)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Flammable liquids	Category 3 - (H226)

2.2 Label elements



Hazard Statements

Danger

H336 - May cause drowsiness or dizziness H360D - May damage the unborn child H226 - Flammable liquid and vapor



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

P201 - Obtain special instructions before use

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P202 - Do not handle until all safety precautions have been read and understood

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

2.3 Other Hazards

General Hazards No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Component	EC No.	CAS-No	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH No.	Note
Propylene glycol monomethyl ether	203-539-1	107-98-2	60 - 100	Flam. Liq. 3 (H226) STOT SE 3 (H336)	No data available	1
2-Methoxy-1-propanol	216-455-5	1589-47-5	< 0.5	Skin Irrit. 2 (H315) Flam. Liq. 3 (H226) Repr. 1B (H360D) STOT SE 3 (H335) Eye Dam. 1 (H318)	No data available	1

Note

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Advice Show this safety data sheet to the doctor in attendance.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Get medical attention if irritation develops and

persists.

Skin Contact Wash off immediately with soap and plenty of water for at least 15 minutes. Remove

contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.

Inhalation Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or

stopped, administer artificial respiration. Get medical attention immediately.

Ingestion Do NOT induce vomiting. Call a physician or poison control center immediately. Never give

anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

None under normal use conditions.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available.

^{1.} Substance with a Community workplace exposure limit



5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers / tanks with water spray. Sealed containers may rupture when heated.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ventilate the area. Avoid contact with eyes, skin and clothing. Avoid breathing dust or vapor. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Contain spillage, and then collect 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). Use clean non-sparking tools to collect absorbed material.

6.4 Reference to other sections

See Section 12 for more information.

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

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. Keep container closed when not in use. Keep out of the reach of children.

7.3 Specific end use(s)

Exposure Scenario No

Risk Management Methods

(RMM)

No information available.

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits

Component	The United Kingdom
Propylene glycol monomethyl ether	STEL: 150 ppm
107-98-2	STEL: 560 mg/m ³
	TWA: 100 ppm
	TWA: 375 mg/m ³
	Skin

Component	France
Propylene glycol monomethyl ether	TWA/VME: 50 ppm (restrictive limit)
107-98-2	TWA/VME: 188 mg/m³ (restrictive limit)
	STEL/VLCT: 100 ppm (restrictive limit)
	STEL/VLCT: 375 mg/m³ (restrictive limit)
	Skin

Component	Germany



Propylene glycol monomethyl ether	TWA/MAK: 100 ppm
107-98-2	TWA/MAK: 370 mg/m ³
	Peak: 200 ppm
	Peak: 740 mg/m ³
	TWA/AGW: 100 ppm
	TWA/AGW: 370 mg/m ³
2-Methoxy-1-propanol	TWA/MAK: 5 ppm
1589-47-5	TWA/MAK: 19 mg/m ³
	Peak: 40 ppm
	Peak: 152 mg/m ³
	TWA/AGW: 5 ppm
	TWA/AGW: 19 mg/m ³
	Skin
	CKIII
Component	Spain
Propylene glycol monomethyl ether	STEL/VLA-EC: 150 ppm
107-98-2	STEL/VLA-EC: 130 ppin STEL/VLA-EC: 568 mg/m ³
107-90-2	TWA/VLA-ED: 100 ppm
	TWA/VLA-ED: 375 mg/m³ Skin
2-Methoxy-1-propanol	TWA/VLA-ED: 5 ppm
1589-47-5	TWA/VLA-ED: 19 mg/m ³
	K-1
Component	ltaly
Propylene glycol monomethyl ether	TWA: 100 ppm
107-98-2	TWA: 375 mg/m ³
	STEL: 150 ppm
	STEL: 568 mg/m ³
	Skin
Component	Portugal
Propylene glycol monomethyl ether	STEL/VLE-CD: 150 ppm
107-98-2	TWA/VLE-MP: 100 ppm
Component	The Netherlands
Propylene glycol monomethyl ether	STEL: 563 mg/m ³
107-98-2	TWA: 375 mg/m ³
	Skin
Component	Finland
Propylene glycol monomethyl ether	TWA: 100 ppm
107-98-2	TWA: 370 mg/m ³
	STEL: 150 ppm
	STEL: 560 mg/m ³
	Skin
	Skin
	Denmark
Propylene glycol monomethyl ether	Denmark TWA: 50 ppm
	Denmark
Propylene glycol monomethyl ether 107-98-2	Denmark TWA: 50 ppm
Propylene glycol monomethyl ether 107-98-2	Denmark TWA: 50 ppm TWA: 185 mg/m³
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ Austria STEL/KZW: 50 ppm
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ Austria STEL/KZW: 50 ppm STEL/KZW: 187 mg/m³
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 75 mg/m³ TEL/KZW: 50 ppm STEL/KZW: 187 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm TWA/TMW: 50 ppm TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm TWA/TMW: 50 ppm TWA/
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 75 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ TWA/TMW: 187 mg/m³ Ceiling: 50 ppm TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm TWA/TMW: 50 ppm TWA/T
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 20 ppm TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 187 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm Ceiling: 187 mg/m³ Ceiling: 187 mg/m² Ceili
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether 107-98-2	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 75 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ TWA/TMW: 187 mg/m³ Ceiling: 50 ppm Ceiling: 187 mg/m³ Skin
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 20 ppm TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 75 mg/m³ TWA: 187 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm Ceiling: 187 mg/m³ Skin STEL/KZW: 80 ppm S
2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ TWA: 187 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm Ceiling: 187 mg/m³ Skin STEL/KZW: 80 ppm STEL/KZW: 300 mg/m³ STEL/KZW: 300 mg/m² STEL/K
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ Austria STEL/KZW: 50 ppm STEL/KZW: 187 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 50 ppm Ceiling: 50 ppm Ceiling: 187 mg/m³ Skin STEL/KZW: 80 ppm STEL/KZW: 80 ppm STEL/KZW: 300 mg/m³ TWA/TMW: 20 ppm
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ TWA/TAW: 50 ppm TWA/TMW: 187 mg/m³ TWA/TMW: 187 mg/m³ Ceiling: 50 ppm Ceiling: 187 mg/m³ Skin STEL/KZW: 80 ppm STEL/KZW: 300 mg/m³ TWA/TMW: 20 ppm TWA/TMW: 75 mg/m³ TWA/TMW: TWA/TM
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ Austria STEL/KZW: 50 ppm STEL/KZW: 187 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 50 ppm Ceiling: 50 ppm Ceiling: 187 mg/m³ Skin STEL/KZW: 80 ppm STEL/KZW: 80 ppm STEL/KZW: 300 mg/m³ TWA/TMW: 20 ppm
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ Austria STEL/KZW: 50 ppm STEL/KZW: 187 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm Ceiling: 187 mg/m³ Skin STEL/KZW: 300 ppm STEL/KZW: 300 mg/m³ TWA/TMW: 75 mg/m³ Skin
Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol 1589-47-5 Component Propylene glycol monomethyl ether 107-98-2 2-Methoxy-1-propanol	Denmark TWA: 50 ppm TWA: 185 mg/m³ TWA: 20 ppm TWA: 75 mg/m³ TWA/TMW: 50 ppm TWA/TMW: 187 mg/m³ Ceiling: 50 ppm Ceiling: 187 mg/m³ Skin STEL/KZW: 80 ppm STEL/KZW: 80 ppm STEL/KZW: 300 mg/m³ TWA/TMW: 20 ppm TWA/TMW: 75 mg/m³ TWA/TMW: 75 mg/m² TWA/TMW: 7



107-98-2	STEL/KZW: 720 mg/m³ TWA/MAK: 100 ppm TWA/MAK: 360 mg/m³
2-Methoxy-1-propanol 1589-47-5	STEL/KZW: 40 ppm STEL/KZW: 152 mg/m³ TWA/MAK: 5 ppm TWA/MAK: 19 mg/m³ Skin

Component	Poland
Propylene glycol monomethyl ether	NDSCh: 360 mg/m ³
107-98-2	TWA/NDS: 180 mg/m ³

Component	Norway
Propylene glycol monomethyl ether 107-98-2	TWA: 50 ppm TWA: 180 mg/m³ Skin
2-Methoxy-1-propanol 1589-47-5	TWA: 20 ppm TWA: 75 mg/m³ Skin

Component	Ireland
Propylene glycol monomethyl ether	TWA: 100 ppm
107-98-2	TWA: 375 mg/m ³
	STEL: 150 ppm
	STEL: 568 mg/m ³

Component	Australia TWA
Propylene glycol monomethyl ether	TWA: 100 ppm
107-98-2	TWA: 369 mg/m ³

Component	Australia STEL
Propylene glycol monomethyl ether	STEL: 150 ppm
107-98-2	STEL: 553 mg/m ³

Derived No Effect Level (DNEL) Predicted No Effect Concentration (PNEC)

No information available. No information available.

8.2 Exposure controls

Engineering Measures

Provide a good standard of general ventilation. Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Users are advised to consider national Occupational Exposure Limits or other equivalent values. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal protective equipment

Eye/face Protection

Wear safety glasses with side shields (or goggles). If splashes are likely to occur:. Wear suitable face shield. Ensure that eyewash stations and safety showers are close to the

workstation location.

Skin Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls,

as appropriate, to prevent skin contact.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in

accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection. Regular cleaning of

equipment, work area and clothing is recommended.

Environmental exposure controls No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical StateNo information availableAppearanceColoredOdorNo information availableOdor ThresholdNo information available

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH No data available
Melting point/freezing point No data available

Boiling point/Boiling Range > 149 °C / 300 °F

Flash Point 32 °C / 89 °F Tag closed cup

Evaporation rateNo data available

Flammability Limit in Air
Upper flammability limit
Lower flammability limit
No data available
Vapor Pressure
No data available

Lower flammability limit
Vapor Pressure
Vapor Density
Specific Gravity

No data available
No data available
No data available

Water SolubilityNo data availableSolubility in other solventsNo data availablePartition coefficient: n-octanol/waterNo data availableAutoignition TemperatureNo data availableDecomposition temperatureNo data availableKinematic viscosityNo data availableDynamic viscosityNo data available

Explosive Properties No data available Oxidizing Properties No data available

9.2 Other information

Softening Point No data available

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity

No information available.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of Hazardous Reactions

None under normal processing.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

10.6 Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon dioxide (CO2). Carbon monoxide.

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

InhalationThere is no data for this product.Eye ContactThere is no data for this product.Skin ContactThere is no data for this product.IngestionThere is no data for this product.

Unknown Acute Toxicity 90.14 % of the mixture consists of ingredient(s) of unknown toxicity.

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

ATEmix (oral) 5,817.00 mg/kg
ATEmix (dermal) 14,543.00 mg/kg
ATEmix (inhalation-dust/mist) 61.10 mg/L

Unknown Acute Toxicity

90.14 % of the mixture consists of ingredient(s) of unknown toxicity.

0.75 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

0.75 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

90.14 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

90.14 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

0.75 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component		Oral LD50
Propylene glycol monomethyl ether 107-98-2		5200 mg/kg(Rat)
Component		LD50 Dermal
Propylene glycol monomethyl ether 107-98-2		13000 mg/kg(Rabbit)
Component		Inhalation LC50
Propylene glycol monomethyl ether 107-98-2		54.6 mg/L (Rat)4 h >24 mg/L (Rat)1 h
Skin corrosion/irritation	There is no data for this product.	
Eye damage/irritation	There is no data for this product.	
Sensitisation	There is no data for this product.	
Mutagenic Effects	There is no data for this product.	
Carcinogenic effects	There is no data for this product.	
Reproductive Effects	There is no data for this product.	
Component		CMR, categories 1 and 2
2-Methoxy-1-propanol 1589-47-5		Reproductive Toxicity 1B

STOT - single exposure	There is no data for this product.
STOT - repeated exposure	There is no data for this product.
Aspiration hazard	There is no data for this product.

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity

None known

Unknown Aquatic Toxicity

0.75 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Component	Fish
Propylene glycol monomethyl ether	96h LC50 Leuciscus idus: 4600 - 10000 mg/L [static]
107-98-2	96h LC50 Pimephales promelas: 20.8 g/L [static]

Component	Crustacea
Propylene glycol monomethyl ether	48h EC50 Daphnia magna: 23300 mg/L
107-98-2	

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential



No information available.

Component	Partition coefficient
Propylene glycol monomethyl ether 107-98-2	-0.437

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects.

No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from Residues / Unused Contain and dispose of waste according to local regulations.

Products

Empty containers should be taken to an approved waste handling site for recycling or **Contaminated Packaging**

disposal.

Section 14: TRANSPORT INFORMATION

ADR

UN/ID no.: UN1210 Proper Shipping Name: Printing Ink

Hazard Class: 3 Ш Packing Group:

ICAO / IATA / IMDG / IMO

UN/ID no.: UN1210 Proper Shipping Name: Printing Ink

Hazard Class: 3 Packing Group: Ш

Section 15: REGULATORY INFORMATION

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

European Union

International Inventories

For further information, please contact: Supplier (manufacturer/importer/downstream user/distributor)

15.2 Chemical Safety Assessment

No information available.



Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under sections 2 and 3

H226 - Flammable liquid and vapor

H336 - May cause drowsiness or dizziness

H315 - Causes skin irritation

H360D - May damage the unborn child H335 - May cause respiratory irritation H318 - Causes serious eye damage

Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

Revision Date Aug-10-2016

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

<u>Disclaimer</u>

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet