

**Safety Data Sheet**

**POLYPUF 2.7 HFO PART B**

Safety Data Sheet dated: 02/27/2023 - version 2

Date of first edition: 10/20/2022

**1. IDENTIFICATION**

**Product identifier**

Mixture identification:

Trade name: POLYPUF 2.7 HFO PART B

Trade code: PLY0107

**Recommended use of the chemical and restrictions on use**

Recommended use: Polyurethane foam

Restrictions on use: Not available

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party**

Company: Polyglass U.S.A. Inc.

1111 West Newport Center Drive

33442 - Deerfield Beach - FL - USA

Phone: +1 866-222-9782

Responsible: info@polyglass.com

**Emergency 24 hour numbers:**

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887 Emergency Transport CANUTEC (Canada) 1-613-996-6666

**2. HAZARD(S) IDENTIFICATION**



**Classification of the chemical**

Acute toxicity (oral), Category 4

Eye irritation, Category 2A

Skin irritation, Category 2

Specific target organ toxicity following repeated exposure, Category 2

Harmful if swallowed.

Causes serious eye irritation.

Causes skin irritation.

May cause damage to organs through prolonged or repeated exposure if inhaled, in contact with skin and if swallowed.

**Label elements**

**Pictograms and Signal Words**



Warning

**Hazard statements**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled, in contact with skin and if swallowed.

**Precautionary statements**

P260 Do not breathe mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

P301+P312 IF SWALLOWED: Call a POISON CENTER if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

P321 Specific treatment (see supplementary instructions on this label)

P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with applicable regulations.

**Ingredient(s) with unknown acute toxicity:**

None

**Hazards not otherwise classified identified during the classification process:**

None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substances**

Not Relevant

**Mixtures**

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

**List of components**

Qty	Name	Ident. Numb.	Classification	Registration Number
10-20 %	diethylene glycol; 2,2'-oxydiethanol	CAS:111-46-6 EC:203-872-2 Index:603-140-00-6	Acute Tox. 4, H302	
5-10 %	(1e)-1-chloro-3,3,3-trifluoroprop-1-ene; trans-1-chloro-3,3,3-trifluoropropene	CAS:102687-65-0	Aquatic Chronic 3, H412; Compr. Gas, H280	
1-2.5 %	trans-1,2-dichloroethylene; Ethylene, 1,2-dichloro-, trans-	CAS:156-60-5 EC:205-860-2 Index:602-026-00-3	Flam. Liq. 2, H225; Acute Tox. 4, H332; Aquatic Chronic 3, H412	
1-2.5 %	n,n-dicyclohexylmethylamine; methylidicyclohexylamine	CAS:7560-83-0 EC:231-453-4	Acute Tox. 4, H302; Skin Corr. 1B, H314	
0.1-0.25 %	ethylene glycol; ethane-1,2-diol	CAS:107-21-1 EC:203-473-3 Index:603-027-00-1	Acute Tox. 4, H302; STOT RE 2, H373	

**4. FIRST AID MEASURES**

**Description of first aid measures**

In case of skin contact:

- Immediately take off all contaminated clothing.
- Remove contaminated clothing immediately and dispose of safely.
- After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
- Protect uninjured eye.

In case of Ingestion:

- Give nothing to eat or drink.

In case of Inhalation:

- If breathing is irregular or stopped, administer artificial respiration.
- In case of inhalation, consult a doctor immediately and show him packing or label.

**Most important symptoms/effects, acute and delayed**

- Eye irritation
- Eye damages
- Skin Irritation
- Erythema

**Indication of any immediate medical attention and special treatment needed**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

(see paragraph 4.1)

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## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

### Unsuitable extinguishing media:

None in particular.

### Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not available

Explosive properties: Not Relevant

Oxidizing properties: Not Relevant

### Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Limit leakages with earth or sand.

### Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Retain contaminated washing water and dispose it.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Storage temperature: Not available

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Community Occupational Exposure Limits (OEL)

	OEL Type	Country	Occupational Exposure Limit
diethylene glycol; 2,2'-oxydiethanol CAS: 111-46-6	MAK	GERMANY	Long Term: 44 mg/m <sup>3</sup> - 10 ppm
	MAK	AUSTRIA	Long Term: 44 mg/m <sup>3</sup> - 10 ppm; Short Term: 176 mg/m <sup>3</sup> - 40 ppm
	MAK	SWITZERLAND	Long Term: 44 mg/m <sup>3</sup> - 10 ppm
		D	

trans-1,2-dichloroethylene; Ethylene, 1,2-dichloro-, trans- CAS: 156-60-5	MAK	GERMANY	Long Term: 800 mg/m <sup>3</sup> - 200 ppm
	ACGIH		Long Term: 200 ppm CNS impairment;eye irritation
	MAK	AUSTRIA	Long Term: 790 mg/m <sup>3</sup> - 200 ppm; Short Term: 3160 mg/m <sup>3</sup> - 800 ppm
	MAK	SWITZERLAN D	Long Term: 790 mg/m <sup>3</sup> - 200 ppm
ethylene glycol; ethane-1,2- diol CAS: 107-21-1	ACGIH		A4 - Not Classifiable as a Human Carcinogen;eye and upper respiratory tract irritation;
	ACGIH		Ceiling - Short Term: 100 mg/m <sup>3</sup>
	EU		Long Term: 52 mg/m <sup>3</sup> - 20 ppm; Short Term: 104 mg/m <sup>3</sup> - 40 ppm Behaviour Indicative Possibility of significant uptake through the skin;
	MAK	GERMANY	Long Term: 26 mg/m <sup>3</sup> - 10 ppm
	ACGIH		Long Term: 25 ppm; Short Term: 10 mg/m <sup>3</sup> - 50 ppm A4 - Not Classifiable as a Human Carcinogen;upper respiratory tract irritation
	MAK	AUSTRIA	Long Term: 26 mg/m <sup>3</sup> - 10 ppm; Short Term: 52 mg/m <sup>3</sup> - 20 ppm
	MAK	SWITZERLAN D	Long Term: 26 mg/m <sup>3</sup> - 10 ppm
	EU		Long Term: 52 mg/m <sup>3</sup> - 20 ppm; Short Term: 104 mg/m <sup>3</sup> - 40 ppm Behaviour Indicative Possibility of significant uptake through the skin

Appropriate engineering controls: Not available

#### Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness  $\geq 0,5$ mm; breakthrough time  $\geq 480$ min.

Nitrile rubber - NBR: thickness  $\geq 0,35$ mm; breakthrough time  $\geq 480$ min.

Butyl rubber - IIR: thickness  $\geq 0,5$ mm; breakthrough time  $\geq 480$ min.

Fluorinated rubber - FKM: thickness  $\geq 0,4$ mm; breakthrough time  $\geq 480$ min.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

Use adequate protective respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: Not Relevant

Odour: Like: Ether

Odour threshold: Not Relevant

pH: Not Relevant

Melting point / freezing point: Not Relevant

Initial boiling point and boiling range: 19 °C (66 °F)

Flash point: 149 °C (300 °F)

Evaporation rate: Not Relevant Slower than ether

Upper/lower flammability or explosive limits: Not Relevant

Vapour density: Not Relevant

Vapour pressure: Not Relevant

Relative density: 1.20 g/cm<sup>3</sup>

Solubility in water: Not Relevant

Solubility in oil: Not Relevant

Partition coefficient (n-octanol/water): Not Relevant  
Auto-ignition temperature: Not Relevant  
Decomposition temperature: Not Relevant  
Viscosity: Not Relevant  
Explosive properties: Not Relevant  
Oxidizing properties: Not Relevant  
Solid/gas flammability: Not Relevant

#### Other information

Substance Groups relevant properties Not Relevant  
Miscibility: Not Relevant  
Fat Solubility: Not Relevant  
Conductivity: Not Relevant

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## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under normal conditions

### Chemical stability

Data not available.

### Possibility of hazardous reactions

None.

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

None.

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## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Toxicological Information of the Preparation

a) acute toxicity	The product is classified: Acute toxicity (oral), Category 4(H302)
b) skin corrosion/irritation	The product is classified: Skin irritation, Category 2(H315)
c) serious eye damage/irritation	The product is classified: Eye irritation, Category 2A(H319)
d) respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified Based on available data, the classification criteria are not met
i) STOT-repeated exposure	The product is classified: Specific target organ toxicity following repeated exposure, Category 2(H373)
j) aspiration hazard	Not classified Based on available data, the classification criteria are not met

#### Toxicological information on main components of the mixture:

diethylene glycol; 2,2'-oxydiethanol	a) acute toxicity	LD50 Skin Rabbit = 11890 mg/kg LD50 Oral Rat = 12565 mg/kg LD50 Skin Rabbit = 11890 mg/kg LC50 Inhalation Rat > 4600 mg/m3 4h
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trans-1,2-dichloroethylene; Ethylene, 1,2-dichloro-,	a) acute toxicity	LD50 Skin Rabbit = 5000 mg/kg
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trans-

LC50 Inhalation Rat = 24100 ppm 4h

LD50 Oral Rat = 1235 mg/kg

LD50 Skin Rabbit > 5000 mg/kg

n,n-  
dicyclohexylmethylamine;  
methyldicyclohexylamine

a) acute toxicity

LD50 Oral Rat = 446 mg/kg

ethylene glycol; ethane-  
1,2-diol

a) acute toxicity

LD50 Oral Rat = 4000 mg/kg

LD50 Skin Rat = 10600 mg/kg

LD50 Oral Rat = 4700 mg/kg

LC50 Inhalation Rat > 2.5 mg/l 6h

**Substance(s) listed on the IARC Monographs:**

None

**Substance(s) listed as OSHA Carcinogen(s):**

None

**Substance(s) listed as NIOSH Carcinogen(s):**

None

**Substance(s) listed on the NTP report on Carcinogens:**

None

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**12. ECOLOGICAL INFORMATION**

**Toxicity**

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

**List of Eco-Toxicological properties of the product**

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

**List of Eco-Toxicological properties of the components**

**Component**

**Ident. Numb.**

**Ecotox Data**

diethylene glycol; 2,2'-  
oxydiethanol

CAS: 111-46-6 -  
EINECS: 203-  
872-2 - INDEX:  
603-140-00-6

a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 75200 mg/L 96h  
EPA

a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 84000 mg/L 48h  
IUCLID

trans-1,2-dichloroethylene;  
Ethylene, 1,2-dichloro-, trans-

CAS: 156-60-5 -  
EINECS: 205-  
860-2 - INDEX:  
602-026-00-3

a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 135 mg/L 96h

ethylene glycol; ethane-1,2-diol

CAS: 107-21-1 -  
EINECS: 203-  
473-3 - INDEX:  
603-027-00-1

a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 41000 mg/L 96h  
IUCLID

a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 14 mL/L 96h EPA

a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 27540 mg/L 96h  
EPA

a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 40000 mg/L 96h  
EPA

a) Aquatic acute toxicity : LC50 Fish Poecilia reticulata = 16000 mg/L 96h  
IUCLID

a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 46300 mg/L 48h

IUCLID

a) Aquatic acute toxicity : EC50 Algae Pseudokirchneriella subcapitata 6500 mg/L 96h IUCLID

a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 40761 mg/L 96h IUCLID

**Persistence and degradability**

N.A.

**Bioaccumulative potential**

N.A.

**Mobility in soil**

N.A.

**Other adverse effects**

N.A.

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**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

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**14. TRANSPORT INFORMATION**

Not classified as dangerous in the meaning of transport regulations.

**UN number**

DOT-UN Number: Not Applicable

ADR-UN number: Not Applicable

IATA-Un number: Not Applicable

IMDG-Un number: Not Applicable

**UN proper shipping name**

DOT-Proper Shipping Name: Not Applicable

ADR-Shipping Name: Not Applicable

IATA-Technical name: Not Applicable

IMDG-Technical name: Not Applicable

**Transport hazard class(es)**

DOT-Hazard Class: Not Applicable

ADR-Class: Not Applicable

IATA-Class: Not Applicable

IMDG-Class: Not Applicable

**Packing group**

DOT-Packing group: Not Applicable

ADR-Packing Group: Not Applicable

IATA-Packing group: Not Applicable

IMDG-Packing group: Not Applicable

**Environmental hazards**

Marine pollutant: No

Environmental Pollutant: Not Applicable

DOT-RQ: Not Applicable

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not Applicable

**Special precautions**

Department of Transportation (DOT):

Not Applicable

Road and Rail (ADR-RID):

Not Applicable

Air (IATA):

Not Applicable

Sea (IMDG):

Not Applicable

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**15. REGULATORY INFORMATION**

**USA - Federal regulations**

**TSCA - Toxic Substances Control Act**

**TSCA inventory:**

All the components are listed on the TSCA inventory

**TSCA listed substances:**

diethylene glycol; 2,2'-oxydiethanol is listed in TSCA Section 8b Section 5

(1e)-1-chloro-3,3,3-trifluoroprop-1-ene; trans-1-chloro-3,3,3-trifluoropropene is listed in TSCA Section 8b

trans-1,2-dichloroethylene; Ethylene, 1,2-dichloro-, trans- is listed in TSCA Section 8b Section 12b

n,n-dicyclohexylmethylamine; methyl-dicyclohexylamine is listed in TSCA Section 8b

ethylene glycol; ethane-1,2-diol is listed in TSCA Section 8b Section 5

**SARA - Superfund Amendments and Reauthorization Act**

**Section 302 - Extremely Hazardous Substances:**

No substances listed

**Section 304 - Hazardous substances:**

trans-1,2-dichloroethylene; Ethylene, 1,2-dichloro-, trans-ethylene glycol; ethane-1,2-diol

**Section 313 - Toxic chemical list:**

diethylene glycol; 2,2'-oxydiethanol  
ethylene glycol; ethane-1,2-diol

**CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act**

**Substance(s) listed under CERCLA:**

trans-1,2-dichloroethylene; Ethylene, 1,2-dichloro-, trans- Reportable quantity: 1000 pounds

ethylene glycol; ethane-1,2-diol Reportable quantity: 5000 pounds

**CAA - Clean Air Act**

**CAA listed substances:**

diethylene glycol; 2,2'-oxydiethanol is listed in CAA Section 112(b) - HON

ethylene glycol; ethane-1,2-diol is listed in CAA Section 112(b) - HAP Section 112(b) - HON

**CWA - Clean Water Act**

**CWA listed substances:**

No substances listed

**USA - State specific regulations**

**California Proposition 65**

**Substance(s) listed under California Proposition 65:**

ethylene glycol; ethane-1,2-diol Listed as reproductive toxicant

**Massachusetts Right to know**



**Substance(s) listed under Massachusetts Right to know:**

trans-1,2-dichloroethylene; Ethylene, 1,2-dichloro-, trans-ethylene glycol; ethane-1,2-diol

**Pennsylvania Right to know****Substance(s) listed under Pennsylvania Right to know:**

diethylene glycol; 2,2'-oxydiethanol  
trans-1,2-dichloroethylene; Ethylene, 1,2-dichloro-, trans-ethylene glycol; ethane-1,2-diol

**New Jersey Right to know****Substance(s) listed under New Jersey Right to know:**

ethylene glycol; ethane-1,2-diol

**Canada - Federal regulations****DSL - Domestic Substances List****DSL (Domestic Substances List)**

All the substances are listed in the DSL.

**NDSL - Non Domestic Substances List****NDSL (Non Domestic Substances List)**

No substances listed

**NPRI - National Pollutant Release Inventory****NPRI (National Pollutant Release Inventory) - List of substances listed.**

No substances listed

**16. OTHER INFORMATION**

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**Additional classification information**

NFPA Health: 1 = Slight  
NFPA Flammability: 1 = Combustible if heated  
NFPA Reactivity: 0 = Minimal  
NFPA Special Risk: N.A.



Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Code	Description
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
A.1/4/Inhal	Acute Tox. 4	Acute toxicity (inhalation), Category 4
A.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
A.2/1B	Skin Corr. 1B	Skin corrosion, Category 1B
A.9/2	STOT RE 2	Specific target organ toxicity following repeated exposure, Category 2
B.5/C	Compr. Gas	Gases under pressure (Compressed gas)
B.6/2	Flam. Liq. 2	Flammable Liquids — Category 2
US-HAE/C3	Aquatic Chronic 3	Chronic (long term) aquatic hazard, category 3

**Legend to abbreviations and acronyms used in the safety data sheet:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
CLP: Classification, Labeling, Packaging.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
INCI: International Nomenclature of Cosmetic Ingredients.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
WGK: German Water Hazard Class.  
KSt: Explosion coefficient.

**Paragraphs modified from the previous revision:**

- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION
- 15. REGULATORY INFORMATION