

according to Regulation (EC) No 1907/2006

### PRO POLISH #2, ALUMINUM & METAL POLISH

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

PRO POLISH #2. ALUMINUM & METAL POLISH

### Further trade names

This MSDS covers the following products:

- -PRO POLISH #2
- -ALUMINUM & METAL POLISH

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

### Use of the substance/mixture

Automotive care products

Polishing agent

#### Uses advised against

any non-intended use.

## 1.3. Details of the supplier of the safety data sheet

Company name: Poorboys World UK

Unit 1 Bretfield Court

Street: Off Bretton Street

Place: GB-WF12 9BG Dewsbury
Telephone: +44 (0) 1924 469920
Internet: http://poorboysworld.com/

Responsible Department: Dr. Gans-Eichler e-mail: info@tge-consult.de Chemieberatung GmbH e-mail: info@tge-consult.de Tel.: +49 (0)251/924520-60

Raesfeldstr. 22 www.tge-consult.de

D-48149 Münster

**1.4. Emergency telephone** 1-352-323-3500 International Emergency Hotline

number:

#### **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

#### Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements: Causes skin irritation.

May cause drowsiness or dizziness.

## 2.2. Label elements

# Regulation (EC) No. 1272/2008

## Hazard components for labelling

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha

Distillates (petroleum), hydrotreated light, Kerosine - unspecified

Signal word: Warning

Pictograms:



## Hazard statements

H315 Causes skin irritation.



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H336 May cause drowsiness or dizziness.

### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves.

P405 Store locked up.

P501 Dispose of contents/container to local/regional/national/international regulations.

## 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

# **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification according to Regulation	on (EC) No. 1272/2008 [CLP]			
64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified				
	265-149-8	649-422-00-2			
	Flam. Liq. 3, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1; H226 H315 H336 H304				
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha				
	265-150-3	649-327-00-6			
	Skin Irrit. 2, STOT SE 3, Asp. Tox. 1; H315 H336 H304				
63148-62-9	dimethyl silicone			1 - 5 %	
	Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2; H315 H319 H411				
93-83-4	N,N-bis(2-hydroxyethyl)oleamide				
	202-281-7				
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335				

Full text of H and EUH statements: see section 16.

## Labelling for contents according to Regulation (EC) No 648/2004

15% - 30% aliphatic hydrocarbons, 3% non-ionic surfactants, perfumes, preservation agents (Formaldehyde).

## **Further Information**

hydrocarbons.: Note P: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS-No. 200-753-7).

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

### **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

### **General information**

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

#### After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.



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#### After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

#### After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

## After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

# **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

### Suitable extinguishing media

Carbon dioxide (CO2). Dry extinguishing powder. Alcohol resistant foam. Atomized water.

## Unsuitable extinguishing media

High power water jet.

### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide Carbon dioxide. Nitrogen oxides (NOx).

# 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

# **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

Do not breathe vapour/aerosol. Avoid contact with eyes and skin.

### 6.2. Environmental precautions

Discharge into the environment must be avoided.

## 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

# 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

# Advice on safe handling

Wear suitable protective clothing. See section 8. Conditions to avoid: generation/formation of aerosols



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#### Advice on protection against fire and explosion

Usual measures for fire prevention.

#### Further information on handling

General protection and hygiene measures: refer to chapter 8

#### 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

## Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and feedingstuffs.

## Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.

Recommended storage temperature: 20°C

Protect against: Light. UV-radiation/sunlight. heat. moisture.

## 7.3. Specific end use(s)

refer to chapter 1.

# **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		_	-		STEL (15 min)	WEL

## Additional advice on limit values

air limit values:

Possibility of exposure to Aerosol Limit value = 5 mg/m3 - Source: ACGIH

## 8.2. Exposure controls



## Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

## Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

# Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

## **Hand protection**

In case of prolonged or frequently repeated skin contact:

Wear suitable gloves.



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Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time >= 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

CR (polychloroprenes, Chloroprene rubber), - Thickness of glove material: 0.5 mm

Breakthrough time >= 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time >= 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard

EN 374 derived from it.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them

before taking off and air them well.

#### Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

## Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

### **Environmental exposure controls**

No special precautionary measures are necessary.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state: liquid, viscous
Colour: white/blue
Odour: characteristic

Test method

pH-Value: not determined

Changes in the physical state

Melting point:not determinedInitial boiling point and boiling range:100 °CSublimation point:not determinedSoftening point:not determinedPour point:not determined

Flash point: 99 °C closed cup

Sustaining combustion: Not sustaining combustion

**Explosive properties** 

none

Lower explosion limits:

Upper explosion limits:

Ignition temperature:

not determined

not determined

**Auto-ignition temperature** 

Gas: not determined

Decomposition temperature: not determined



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Oxidizing properties

none

Vapour pressure: not determined

(at 25 °C)

Density (at 25 °C): 1,11 g/cm³
Water solubility: not determined

Solubility in other solvents

not determined

Partition coefficient: not determined Viscosity / dynamic: not determined Viscosity / kinematic: not determined not determined Flow time: Vapour density: not determined Evaporation rate: not determined not determined Solvent separation test: Solvent content: not determined

9.2. Other information

Solid content: not determined

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No information available.

#### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

## 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

#### 10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

## 10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide Carbon dioxide. Nitrogen oxides (NOx).

# **SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

# Toxicocinetics, metabolism and distribution

No data available.

### **Acute toxicity**

Based on available data, the classification criteria are not met.

The product has not been tested.



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CAS No	Chemical name				
	Exposure route	Dose		Species	Source
64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified				
	oral	LD50	> 5000 mg/kg	Rat	ECHA dossier
	dermal	LD50	> 2000 mg/kg	Rabbit.	ECHA dossier
	inhalative (4 h) vapour	LC50	(> 5,3) mg/l	Rat	ECAH dossier
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha				
	oral	LD50	>5000 mg/kg	Rat (OECD 401)	ECHA Dossier
	dermal	LD50	>2000 mg/kg	Rabbit (OECD 402)	ECHA Dossier
63148-62-9	dimethyl silicone				
	oral	LD50	>17000 mg/kg	Rat	RTECS
	dermal	LD50	>2000 mg/kg	Rabbit	RTECS
93-83-4	N,N-bis(2-hydroxyethyl)oleamide				
	oral	LD50	>10000 mg/kg	Mouse	RTECS
	dermal	LD50	>10000 mg/kg	Rat	RTECS

## Irritation and corrosivity

Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

The product has not been tested.

dimethyl silicone:

Skin corrosion/irritation: 500 µl/24h, Rabbit

Result / evaluation: slightly irritant

Irritant effect on the eye: 500 µl/24h, Rabbit

Result / evaluation: slightly irritant

## Sensitising effects

Based on available data, the classification criteria are not met.

The product has not been tested.

The product is not: sensitising

The statement is derived from the properties of the single components.

Carcinogenic/mutagenic/toxic effects for reproduction



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Based on available data, the classification criteria are not met.

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:

In-vitro mutagenicity:

Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Result: negative.

literature infomation: ECHA dossier

Carcinogenicity:

Method: (dermal.) OECD Guideline 451 (Carcinogenicity Studies)

species: Mouse. Length of test: 2 years Result: negative.

literature infomation: ECHA Dossier

Reproductive toxicity:

Method: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study)

species: Rat

Results: NOAEL >= 20000 mg/kg literature infomation: ECHA Dossier

Developmental toxicity/teratogenicity:

Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study)

species: Rat

Results: NOAEL = 239000 mg/kg literature infomation: ECHA Dossier

Distillates (petroleum), hydrotreated light, Kerosine - unspecified:

In vitro mutagenicity/genotoxicity:

Method:

-OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)

-OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

-OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: negative.

literature infomation: ECHA Dossier

In vivo mutagenicity/genotoxicity:

Method:

-OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)

-OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)

Result: negative.

literature infomation: ECHA Dossier

Reproductive toxicity

Method:-

Species: Sprague-Dawley Rat

Exposure route: oral

Result: NOAEL > 1500 mg/kg literature infomation: ECHA Dossier

Developmental toxicity/teratogenicity

Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study)

Species: Sprague-Dawley Rat

Exposure route : oral



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Result: NOAEL = 1000 mg/kg literature infomation: ECHA Dossier

### STOT-single exposure

May cause drowsiness or dizziness. (Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha), (Distillates (petroleum), hydrotreated light, Kerosine - unspecified)

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:

Subchronic inhalative toxicity:

Method: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Exposure time: 2 years

species: Rat

Results: NOAEC = 1402 mg/m3 literature infomation: ECHA Dossier

Distillates (petroleum), hydrotreated light, Kerosine - unspecified:

Subchronic oral toxicity:

Method:-

Species: Sprague-Dawley Rat ;Exposure duration: 90d

Result: NOAEL = 750 mg/kg; literature infomation: ECHA Dossier

Subchronic inhalation toxicity:

Method: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)

Species: Mouse; Exposure duration: 90d

Result: NOAEC = 1000 mg/kg ; literature infomation: ECHA Dossier

Subchronic oral toxicity:

Method: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

Species: Sprague-Dawley Rat; Exposure duration: 28d Result: NOAEC = 0,5 ml/kg; literature infomation: ECHA Dossier

# **Aspiration hazard**

Based on available data, the classification criteria are not met.

# Specific effects in experiment on an animal

No data available.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

The product has not been tested.

# 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation	•		•	
64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified				
	OECD 301F / ISO 9408 / EEC 92/69 annex V, C.4-D	61 %	28	ECHA Dossier	
	The product is readily biodegradable to OECD criteria.				

## 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### 12.4. Mobility in soil

No data available



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#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

No data available.

#### **Further information**

Do not allow to enter into surface water or drains.

# **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

#### Advice on disposal

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

### Waste disposal number of waste from residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND

INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately

collected fractions (except 15 01); detergents containing hazardous substances

Classified as hazardous waste.

### Waste disposal number of used product

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND

INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately

collected fractions (except 15 01); detergents containing hazardous substances

Classified as hazardous waste.

## Waste disposal number of contaminated packaging

 $150203 \qquad \text{WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND} \\$ 

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; absorbents, filter materials, wiping cloths and protective clothing; absorbents, filter materials, wiping cloths and protective clothing other

than those mentioned in 15 02 02

# Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

### **SECTION 14: Transport information**

#### Land transport (ADR/RID)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.



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**14.4. Packing group:** No dangerous good in sense of this transport regulation.

Air transport (ICAO)

14.1. UN number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

refer to chapter 6-8

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

# **SECTION 15: Regulatory information**

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

#### **EU** regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28: Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha

2010/75/EU (VOC): No information available. 2004/42/EC (VOC): No information available.

Information according to 2012/18/EU Not subject to 2012/18/EU (SEVESO III)

(SEVESO III):

#### Additional information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

REACH 1907/2006 Appendix XVII, No (mixture): 3

## National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile

work protection guideline' (94/33/EC).

Water contaminating class (D): 2 - water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## **SECTION 16: Other information**

# Changes

Rev. 1.0; Initial release: 27.06.2016

Rev. 1,10; Changes in chapter: 2,3,15; 08.08.2016

### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

CAS Chemical Abstracts Service DNEL: Derived No Effect Level

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations 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 Labelling of Chemicals



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GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level NOAEC: No observed adverse effect level

NTP: National Toxicology Program

N/A: not applicable

OSHA: Concerning the International Transport of Dangerous Goods by Rail)

PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de

fer (Regulations Concerning the International Transport of Dangerous Goods by Rail )

SARA: Superfund Amendments and Reauthorization Act

SVHC: substance of very high concern TRGS Technische Regeln für Gefahrstoffe TSCA: Toxic Substances Control Act VOC: Volatile Organic Compounds

VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe

WGK: Wassergefährdungsklasse

### Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H411 Toxic to aquatic life with long lasting effects.

## **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)