

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 22.05.2021

Version number 1

Revision: 10.12.2019

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

1.1 Product identifier

Trade name weber seal PUF**Safety data sheet no.:** XXP01553

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

No further relevant information available.

Application of the substance / the mixture Construction chemicals

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

SODAMCO S.A.L

Main Road, Hosrayel (Jbeil), P.O. Box 65, Jbeil - Lebanon

T +961 9 790 920/1/2/3

F +961 9 790 924

ATTADAMUNIA for Construction Industries JSC

Tha'labah Al – Ameli Str.-P.O. Box 710844 Amman 11171 Jordan

T +962 6 420 0417

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SODAMCO Emirates Factory for Building Materials W.L.L.Industrial City of Abu Dhabi

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Raja Abdulla Al Habbaj Office No. 3F/6, Bloc 7 P.O. Box 496 Salmiya 20005 Kuwait

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SODAMCO Muscat L.L.C.

Al Khuwair - Muscat - Sultanate of Oman-P.O. Box 1094 PC 133,

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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Office Jeddah)

SODAMCO villa, Prince Mohammad Bin Abdul Aziz Street. P.O. Box 9927, Jeddah 21423 Kingdom of Saudi Arabia

T +966 12 668 3295 +966 12 261 2722

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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)

Salahuddin Al Ayoubi Street, Facing Military Airbase Al Bayt 52 Complex, Building 5 Office 1- P.O.

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Box 1042 Riyadh 11431-Kingdom of Saudi Arabia

T +966 11 473 8751

F +966 11 472 5339

1.4 Emergency telephone number:

UAE:+971 2 550 9994

Lebanon:+9619790920

Jeddah:+966126683295

Riyadh:+966114738751

Qatar:+97444423816

Jordan: +96264200417

Kuwait:+96525716404

Muscat:+96824218361

Hours of operation: From 8 am to 6 pm

Monday to Friday in Lebanon

Sunday to Thursday in other countries

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008


GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS08 health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



GHS07

Acute Tox. 4	H332	Harmful if inhaled.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

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Hazard pictograms



GHS02 GHS07 GHS08

Signal word Danger

Hazard-determining components of labelling:

diphenylmethanediisocyanate, isomers and homologues

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

Precautionary statements

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing vapours.

P280 Wear protective gloves / eye protection.

P301+P310 IF SWALLOWED: Immediately call Plant Safety Department.

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

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Additional information:

Buildup of explosive mixtures possible without sufficient ventilation.

EUH204 Contains isocyanates. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with non hazardous additions.

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Dangerous components:

CAS: 9016-87-9 EC number: 618-498-9	diphenylmethanediisocyanate, isomeres and homologues ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Irrit. 2; H319: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; H335: C ≥ 5 %	25-50%
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37-xxxx	Dimethylether ⚠ Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-10%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21-xxxx	propane liquefied ⚠ Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-10%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32-xxxx	butane, pure ⚠ Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-10%

SVHC Void

Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Immediately remove any clothing soiled by the product.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation

Take affected persons into fresh air and keep quiet.

Seek medical treatment in case of complaints.

After skin contact

Remove contaminated gloves, clothing, footwear or other items and wash thoroughly before re-use. Immediately rinse with water.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Rinse liquid should be tempered (20-30°C).

After swallowing Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Breathing difficulty

Allergic reactions

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Irritation of the skin

Irritation of the eye tissue, watery eyes

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media**Suitable extinguishing agents**

Fire-extinguishing powder

Alcohol-resistant foam

CO₂, sand, extinguishing powder. Do not use water.**For safety reasons unsuitable extinguishing agents** Water.**5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters**Protective equipment:**

Wear fully protective suit.

Wear self-contained respiratory protective device.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Keep away from ignition sources

Wear protective equipment. Keep unprotected persons away.

Avoid inhalation of vapors.

6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Dispose of the material collected according to regulations.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

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Keep away from heat and direct sunlight.

Use only in well ventilated areas.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Protect from heat and direct sunlight.

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Store under lock and key and with access restricted to technical experts or their assistants only.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

DNELs

CAS: 115-10-6 Dimethylether

Inhalative	Derived No Effect Level	1,894 mg/m ³ (worker systemic long term value)
		471 mg/m ³ (consumer systemic long term value)

CAS No.	Designation of material	%	Type	Value Unit
CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues				
AGW (Germany)	Long-term value: 0.05 E mg/m ³ 1;=2=(I);DFG, H, Sah, Y, 12			
LEP (Spain)	Long-term value: 0.05* mg/m ³ *vía dérmica, Sen,*Propuesta de modificación			
HTP (Finland)	Short-term value: 0.035 mg/m ³ NCO			
CAS: 115-10-6 Dimethylether				
IOELV (European Union)	Long-term value: 1920 mg/m ³ , 1000 ppm			
AGW (Germany)	Long-term value: 1900 mg/m ³ , 1000 ppm 8(II);DFG, EU			
GV (Denmark)	Long-term value: 1920 mg/m ³ , 1000 ppm E			

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LEP (Spain)	Long-term value: 1920 mg/m ³ , 1000 ppm VLI
VL (Italy)	Long-term value: 1920 mg/m ³ , 1000 ppm
OEL (Sweden)	Short-term value: 1500 mg/m ³ , 800 ppm Long-term value: 950 mg/m ³ , 500 ppm V
HTP (Finland)	Long-term value: 2000 mg/m ³ , 1000 ppm
CAS: 74-98-6 propane liquefied	
AGW (Germany)	Long-term value: 1800 mg/m ³ , 1000 ppm 4(II);DFG
GV (Denmark)	Long-term value: 1800 mg/m ³ , 1000 ppm
LEP (Spain)	Long-term value: 1000 ppm
TWA (Italy)	Long-term value: 1000 ppm
VLE (Portugal)	*Ver Anexo F: Teor minimo de oxigénio; Asfixia
HTP (Finland)	Short-term value: 2000 mg/m ³ , 1100 ppm Long-term value: 1500 mg/m ³ , 800 ppm liite 4
CAS: 106-97-8 butane, pure	
AGW (Germany)	Long-term value: 2400 mg/m ³ , 1000 ppm 4(II);DFG
GV (Denmark)	Long-term value: 1200 mg/m ³ , 500 ppm
LEP (Spain)	Long-term value: 1000 ppm
TWA (Italy)	Long-term value: 1000 ppm
VLE (Portugal)	Short-term value: 1000 ppm Afeção do SNC
HTP (Finland)	Short-term value: 2400 mg/m ³ , 1000 ppm Long-term value: 1900 mg/m ³ , 800 ppm liite 4

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Do not eat, drink, smoke or sniff while working.

Immediately remove all soiled and contaminated clothing.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Respiratory protection: Suitable respiratory protective device recommended.

Protection of hands: Protective gloves.

Eye protection: Tightly sealed goggles

Body protection: Protective work clothing.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Aerosol
Colour:	Whitish
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value:	Not determined.
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Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Not applicable, as aerosol

Flash point:	0 °C
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Flammability (solid, gas):	Extremely flammable aerosol
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Ignition temperature:	Not determined.
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Decomposition temperature:	Not determined.
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Auto-ignition temperature:	Product is not selfigniting.
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Explosive properties:	Heating may cause an explosion.
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Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Oxidising properties	Not determined.
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Vapour pressure:	5 bar
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Density:

Bulk density:	19-25 kg/m ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.

Solubility in / Miscibility with

Water:	Not determined.
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Segregation coefficient (n-octanol/water) log

Pow:	Not determined.
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Viscosity:

dynamic:	Not determined.
kinematic:	Not determined.

Solvent content:

EU-VOC (g/L)	<2.0 g/l
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9.2 Other information	No further relevant information available.
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SECTION 10: Stability and reactivity

10.1 Reactivity Extremely flammable aerosol. Pressurised container: may burst if heated.

10.2 Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Danger of receptacles bursting because of high vapour pressure when heated.

10.4 Conditions to avoid Avoid heat, sparkles, naked flame or other sources of ignition.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Harmful if inhaled.

LD/LC50 values relevant for classification:

Components	Type	Value	Species
CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues			
Oral	LD50	>2,000 mg/kg (Rat)	
Dermal	LD50	>10,000 mg/kg (Rabbit)	
Inhalative	LC50/4 h	0.49 mg/l (Rat)	

Primary irritant effect:

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

Additional toxicological information:

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Not classified as harmful to aquatic life

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Type of test Effective concentration Method Assessment
CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues

LC0/96h >1,000 mg/l (Fish)

EC50/24h >1,000 mg/l (Daphnia magna)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:
General notes: Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Dispose of the product in accordance with national and local regulations.

European waste catalogue

Possible waste code. The concrete waste code depends on the source of the waste.

HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP7	Carcinogenic
HP13	Sensitising

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA

UN1950

14.2 UN proper shipping name
ADR
IMDG
IATA

1950 AEROSOLS
AEROSOLS
AEROSOLS, flammable, containing substances in
Division 6.1, Packing Group III

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14.3 Transport hazard class(es)

ADR



Class 2 5TF Gases.
Label 2.1+6.1

IMDG



Class 2.1
Label 2.1/6.1

IATA



Class 2.1
Label 2.1 (6.1)

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards: Not applicable.

14.6 Special precautions for user

Hazard identification number (Kemler code): - Warning: Gases.

EMS Number: F-D,S-U

Stowage Code SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
SG69 For AEROSOLS with a maximum capacity of 1 litre:

Segregation Code

Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.
For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.
For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)

120 ml

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

Transport category

1

Tunnel restriction code

D

IMDG

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

UN "Model Regulation":

UN 1950 AEROSOLS, 2.1 (6.1)

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P3a FLAMMABLE AEROSOLS

Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 56a

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

National regulations

Other regulations, limitations and prohibitive regulations

BG-Merkblätter: M 044 "Polyurethane production/Isocyanates"

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual

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relationship.

Relevant phrases

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

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

Department issuing SDS: R&D Department of Weber-Middle East**Contact:**

Product Safety

T+97125509449

e-mail: DL-weber.productSafety-ME@Saint-gobain.com

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the 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 Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

*** Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.