according to Regulation (EC) No. 1907/2006

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

1.1 Product identifier

Trade name : Sikalastic® Metal Primer Comp (B)

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

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

Product use : Product is not intended for consumer use.

1.3 Details of the supplier of the safety data sheet

Company : Sika Limited

Watchmead

Welwyn Garden City Hertfordshire AL7 1BQ United Kingdom

Telephone : +44 (0)1707 394444

1.4 Emergency telephone number

Emergency telephone num-

: +44 (0)1707 363899 (available during office hours)

ber

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product : Mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 H226: Flammable liquid and vapour.

Skin corrosion, Category 1B H314: Causes severe skin burns and eye damage.

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.

Reproductive toxicity, Category 2 H361fd: Suspected of damaging fertility. Suspected

of damaging the unborn child.

Acute aquatic toxicity, Category 1 H400: Very toxic to aquatic life.

Chronic aquatic toxicity, Category 1 H410: Very toxic to aquatic life with long lasting

effects.

Classification (67/548/EEC, 1999/45/EC)

Flammable R10: Flammable.

Corrosive R34: Causes burns.

Harmful R20: Harmful by inhalation.

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Sensitising R43: May cause sensitisation by skin contact.

Dangerous for the environment R50/53: Very toxic to aquatic organisms, may

cause long-term adverse effects in the aquatic

environment.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms











Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H361fd Suspected of damaging fertility. Suspected

of damaging the unborn child.

H410 Very toxic to aquatic life with long lasting

effects.

Precautionary statements : Prevention:

P210 Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No

smoking.

P280 Wear protective gloves/ protective clothing/

eye protection/ face protection.

P281 Use personal protective equipment as re-

quired.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immedi-

ately all contaminated clothing. Rinse skin

with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with wa-

ter for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing.

P310 Immediately call a POISON CENTER or

doctor/ physician.

P370 + P378 In case of fire: Use dry sand, dry chemical

or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

220-666-8
 3-aminomethyl-3,5,5-trimethylcyclohexylamine

• 202-013-9 2,4,6-tris(dimethylaminomethyl)phenol

• 284-325-5 4-nonylphenol, branched

• 500-101-4 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-

2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-

trimethylcyclohexylamine

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2.3 Other hazards

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).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical Name CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
4-methylpentan-2-one 108-10-1 203-550-1 01-2119473980-30-XXXX	F; R11 Xn; R20 Xi; R36/37 R66	Flam. Liq.2; H225 Acute Tox.4; H332 Eye Irrit.2; H319 STOT SE3; H335	>= 10 - < 20
benzyl alcohol 100-51-6 202-859-9 01-2119492630-38-XXXX	Xn; R20/22	Acute Tox.4; H302 Acute Tox.4; H332 Eye Irrit.2; H319	>= 3 - < 5
cyclohexanone 108-94-1 203-631-1	R10 Xn; R20	Flam. Liq.3; H226 Acute Tox.4; H332	>= 2,5 - < 5
3-aminomethyl-3,5,5- trimethylcyclohexylamine 2855-13-2 220-666-8 01-2119514687-32-XXXX	C; R34 Xn; R21/22 R43 R52-R53	Acute Tox.4; H302 Acute Tox.4; H312 Skin Corr.1C; H314 Skin Sens.1A; H317 Aquatic Chronic3; H412	>= 2,5 - < 5
2,4,6-tris(dimethylaminomethyl)phenol 90-72-2 202-013-9 01-2119560597-27-XXXX	C; R34 R52/53	Skin Sens.1B; H317 1B; H314 Aquatic Chronic3; H412	>= 2,5 - < 5
xylene 1330-20-7 215-535-7 01-2119488216-32-XXXX	R10 Xn; R20/21 Xi; R38	Asp. Tox.1; H304 Flam. Liq.3; H226 Acute Tox.4; H332 Acute Tox.4; H312 Skin Irrit.2; H315	>= 2,5 - < 5
2-methylpropan-1-ol 78-83-1 201-148-0 01-2119484609-23-XXXX	R10 Xi; R37/38-R41 R67	Flam. Liq.3; H226 STOT SE3; H335, H336 Skin Irrit.2; H315 Eye Dam.1; H318	>= 3 - < 5

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4-nonylphenol, branched 84852-15-3 284-325-5 01-2119510715-45-XXXX	Repr.Cat.3; R62- R63 C; R34 Xn; R22 N; R50/53	Repr.2; H361fd Acute Tox.4; H302 Skin Corr.1B; H314 Aquatic Acute1; H400 Aquatic Chronic1; H410	>= 3 - < 5
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine 38294-64-3 500-101-4 01-2119965165-33-XXXX	C; R34 R43 R52/53	Skin Corr.1B; H314 Eye Dam.1; H318 Skin Sens.1; H317 Aquatic Chronic3; H412	>= 3 - < 5
2-(8-heptadecenyl)-4,5-dihydro-1H- imidazole-1-ethylamine 3528-63-0 222-551-8	C; R34 R22 R51/53	Acute Tox.4; H302 Skin Corr.1B; H314 Aquatic Chronic2; H411	>= 0,25 - < 1

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Move out of dangerous area.

Consult a physician.

Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.

Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.

Wash off with soap and plenty of water.

Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficul-

ty.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tis-

sue damage and blindness.

In the case of contact with eyes, rinse immediately with plenty

of water and seek medical advice.

Continue rinsing eyes during transport to hospital.

Remove contact lenses.

Keep eye wide open while rinsing.

If swallowed : Clean mouth with water and drink afterwards plenty of water.

Do NOT induce vomiting.

Do not give milk or alcoholic beverages.

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Never give anything by mouth to an unconscious person.

Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Allergic reactions

Dermatitis

See Section 11 for more detailed information on health effects

and symptoms.

Risks : Health injuries may be delayed.

> corrosive effects sensitising effects

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam, Carbon dioxide (CO2), Dry chemical

Unsuitable extinguishing

media

: Water

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

: Do not allow run-off from fire fighting to enter drains or water

ucts

Hazardous combustion prod- : No hazardous combustion products are known

5.3 Advice for firefighters

for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers. Collect contam-

> inated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with

local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

: Use personal protective equipment. Personal precautions

Remove all sources of ignition. Deny access to unprotected persons.

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Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible ab-

sorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Do not get

in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Take precautionary

prohibited in the application area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when

handling chemical products

Advice on protection against

fire and explosion

: Use explosion-proof equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against electrostatic

discharges.

Hygiene measures : Handle in accordance with good industrial hygiene and safety

practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re-

according to Regulation (EC) No. 1907/2006

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sealed and kept upright to prevent leakage. Store in accord-

ance with local regulations.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Components	CAS-No.	Value	Control parame-	Basis *
	100 10 1		ters *	0000/00/50
4-methylpentan-2-one	108-10-1	TWA	20 ppm 83 mg/m3	2000/39/EC
		STEL	50 ppm 208 mg/m3	2000/39/EC
		TWA	50 ppm 208 mg/m3	GB EH40
		STEL	100 ppm 416 mg/m3	GB EH40
cyclohexanone	108-94-1	TWA	10 ppm 40,8 mg/m3	2000/39/EC
		STEL	20 ppm 81,6 mg/m3	2000/39/EC
		TWA	10 ppm	GB EH40
		STEL	20 ppm	GB EH40
xylene	1330-20-7	TWA	50 ppm 220 mg/m3	GB EH40
		STEL	100 ppm 441 mg/m3	GB EH40
		TWA	50 ppm 221 mg/m3	2000/39/EC
		STEL	100 ppm 442 mg/m3	2000/39/EC
2-methylpropan-1-ol	78-83-1	TWA	50 ppm 154 mg/m3	GB EH40
		STEL	75 ppm 231 mg/m3	GB EH40

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
4-methylpentan-2-one	108-10-1	4-methylpentan-2- one: 20micromol per litre (Urine)	Post shift	GB EH40 BAT
cyclohexanone	108-94-1	cyclohexanol:	Post shift	GB EH40

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		2mmol/mol creati- nine (Urine)		BAT
xylene	1330-20-7	methyl hippuric acid: 650mmol/mol creatinine (Urine)	Post shift	GB EH40 BAT

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses with side-shields

Eye wash bottle with pure water Wear eye/face protection.

Hand protection : Chemical-resistant, impervious gloves complying with an ap-

proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu-

facturer specifications.

Suitable for short time use or protection against splashes:

Butyl rubber/nitrile rubber gloves (0,4 mm), Contaminated gloves should be removed.

Suitable for permanent exposure:

Viton gloves (0.4 mm), breakthrough time >30 min.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,

long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing

and stirring work.

Respiratory protection : Respirator selection must be based on known or anticipated

exposure levels, the hazards of the product and the safe work-

ing limits of the selected respirator.

organic vapor (Type A) and particulate filter

A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm

P1: Inert material; P2: Xn; P3: T, T+

Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

Environmental exposure controls

according to Regulation (EC) No. 1907/2006

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General advice : Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid
Colour : various

Odour : amine-like

Odour Threshold : No data available

Flash point : 32 °C

Ignition temperature : 465 °C

Lower explosion limit (Vol%) : 1,4 %(V)

Upper explosion limit (Vol%) : 7,5 %(V)

Flammability (solid, gas) : No data available

Oxidizing properties : No data available

Auto-ignition temperature : No data available

pH : No data available

Melting point/range / Freez-

ing point

Boiling point/boiling range : No data available

Vapour pressure : 0,21 hPa

Density : 1,34 g/cm3

Water solubility : No data available

Partition coefficient: n-

octanol/water

: No data available

: No data available

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Relative vapour density : No data available

Evaporation rate : No data available

9.2 Other information

according to Regulation (EC) No. 1907/2006

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No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

4-methylpentan-2-one:

Acute oral toxicity : LD50 Oral rat: 2.080 mg/kg

Acute inhalation toxicity : LC50 rat: 8,2 mg/l

Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal rabbit: 16.000 mg/kg

benzyl alcohol:

Acute oral toxicity : LD50 Oral rat: 1.230 mg/kg

Acute inhalation toxicity : LC50 rat: 4,178 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

cyclohexanone:

according to Regulation (EC) No. 1907/2006

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Acute oral toxicity : LD50 Oral rat: 1.530 mg/kg

Acute inhalation toxicity : LC50 rat: 10,7 mg/l

Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal rabbit: 948 mg/kg

3-aminomethyl-3,5,5-trimethylcyclohexylamine:

Acute oral toxicity : LD50 Oral rat: 1.030 mg/kg

Acute dermal toxicity : Acute toxicity estimate : 1.100 mg/kg

Method: Converted acute toxicity point estimate

xylene:

Acute dermal toxicity : Acute toxicity estimate : 1.100 mg/kg

Method: Converted acute toxicity point estimate

4-nonylphenol, branched:

Acute oral toxicity : Acute toxicity estimate : 500 mg/kg

Method: Converted acute toxicity point estimate

Acute dermal toxicity : LD50 Dermal rabbit: 3.160 mg/kg

Skin corrosion/irritation

Product

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Product

No data available

Respiratory or skin sensitisation

Product

May cause an allergic skin reaction.

Germ cell mutagenicity

Product

Mutagenicity : No data available

Carcinogenicity

Product

Carcinogenicity : No data available

according to Regulation (EC) No. 1907/2006

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Reproductive toxicity : Suspected of damaging fertility. Suspected of damaging the

unborn child.

No data available

Reproductive Toxicity/Development/Teratogenicity

Teratogenicity : No data available

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

cyclohexanone:

Toxicity to fish : LC50: 527 mg/l, 96 h, Fish

4-nonylphenol, branched:

M-Factor : 10

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

according to Regulation (EC) No. 1907/2006

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0.1% or higher.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized

wherever possible.

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe

Dispose of surplus and non-recyclable products via a licensed

waste disposal contractor.

Disposal of this product, solutions 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.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

Contaminated packaging : 15 01 10* packaging containing residues of or contaminated

by dangerous substances

SECTION 14: Transport information

ADR

14.1 UN number : 3469

14.2 Description of the goods : PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE

14.3 Class 14.4 Packing group : 111 Classification Code : FC Labels : 3 (8) Tunnel restriction code : (D/E) : yes

14.5 Environmentally hazard-

ous

IATA

14.1 UN number 3469

14.2 Description of the goods Paint related material, flammable, corrosive

14.3 Class 3 14.4 Packing group Ш : 3 (8) 14.5 Environmentally hazard-: yes

ous

IMDG

14.1 UN number : 3469

Country GB 000000610387

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according to Regulation (EC) No. 1907/2006

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14.2 Description of the goods : PAINT RELATED MATERIAL, FLAMMABLE CORROSIVE

(4-nonylphenol, branched)

 14.3 Class
 : 3

 14.4 Packing group
 : III

 Labels
 : 3 (8)

 EmS Number 1
 : F-E

 EmS Number 2
 : S-C

 14.5 Marine pollutant
 : yes

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Labelling according to EC Directives (1999/45/EC)

Hazard pictograms





Corrosive

Dangerous for the environment

R-phrase(s) : R10 Flammable.

R20 Harmful by inhalation.

R34 Causes burns.

R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the

aquatic environment.

S-phrase(s) : S23 Do not breathe spray.

S26 In case of contact with eyes, rinse immedi-

ately with plenty of water and seek medical

advice.

S36/37/39 Wear suitable protective clothing, gloves

and eye/face protection.

S38 In case of insufficient ventilation, wear

suitable respiratory equipment.

S45 In case of accident or if you feel unwell,

seek medical advice immediately (show

the label where possible).

Hazardous components which must be listed on the label:

• 220-666-8 3-aminomethyl-3,5,5-trimethylcyclohexylamine

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500-101-4 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-

2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-

trimethylcyclohexylamine

Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances,

preparations and articles (Annex XVII)

: not applicable

: not applicable

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

 This product contains substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

(Phenol, 4-nonyl-, branched)

REACH - List of substances subject to authorisation

(Annex XIV)

REACH Information:

All substances contained in our Products are - preregistered or registered by our upstream suppliers, and/or

preregistered or registered by us, and/orexcluded from the regulation, and/or

- exempted from the registration.

VOC-CH (VOCV) : 29,7 %

VOC-EU (solvent) : 34,6 %

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: : The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002

ply) Regulations 2002

Control of Substances Hazardous to Health Regulations 2002 The Management of Health and Safety at Work Regulations

1999

Health and Safety at Work Act 1974

Environmental Protection Act 1990 & Subsidiary Regulations

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Full text of R-Phrases

R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.

R20/21 Harmful by inhalation and in contact with skin.
R20/22 Harmful by inhalation and if swallowed.
R21/22 Harmful in contact with skin and if swallowed.

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R22	Harmful if swallowed.
R34	Causes burns.

R36/37 Irritating to eyes and respiratory system. R37/38 Irritating to respiratory system and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in

the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the

aquatic environment.

R52 Harmful to aquatic organisms.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in

the aquatic environment.

R53 May cause long-term adverse effects in the aquatic environment.

R62 Possible risk of impaired fertility.

R63 Possible risk of harm to the unborn child.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Full text of H-Statements

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn

child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. Acute toxicity

Aquatic Acute Acute aquatic toxicity Aquatic Chronic Chronic aquatic toxicity Asp. Tox. Aspiration hazard Eye Dam. Serious eye damage Eye Irrit. Eye irritation Flam. Liq. Flammable liquids Repr. Reproductive toxicity Skin Corr. Skin corrosion

Skin Corr.
Skin corrosion
Skin Irrit.
Skin irritation
Skin Sens.
Skin sensitisation

STOT SE Specific target organ toxicity - single exposure

according to Regulation (EC) No. 1907/2006

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The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any any use and processing.

Changes as compared to previous version!