EVA Cleaner 50

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hranipex

Issue date: 5/17/2021	according to the REACH Regulation (EC) 19 Revision date: 8/18/2024	07/2006 amended by Regulation (EU) 2020/878 Supersedes version of: 9/7/2021	Version: 3.0
SECTION 1: Identification	on of the substance/mixture a	nd of the company/undertaking	
1.1. Product identifier			
Product form Product name UFI	: Mixture : EVA Cleaner 50 : R1V2-P091-X00	-	
1.2. Relevant identified us	es of the substance or mixture ar	d uses advised against	
Relevant identified uses			
Industrial/Professional use spec	: Industrial use		
Use of the substance/mixture	: Cleaners		
1.3. Details of the supplier	of the safety data sheet		
Distributor		Supplier	
Hranipex Czech Republic k.s.		Hranipex Ltd.	
J. Rýznerové 97, Komorovice		Unit 2 Radial Park, Birmingham Business Park	
CZ 396 01 Humpolec		Birmingham, B37 7YN	
Czech Republic		United Kingdom	

T +44 121 767 9180, F 0121 782 6250

uk-hranipex@hranipex.com, www.hranipex.co.uk

T +420 565 501 211 cz-hranipex@hranipex.com, www.hranipex.cz E-mail address of competent person responsible for the SDS : sds@regartis.com

1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Edinburgh Centre) Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA	0344 892 0111	Only for healthcare professionals
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

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EUH-statements

: EUH208 - Contains maleic anhydride(108-31-6). May produce an allergic reaction. EUH210 - Safety data sheet available on request.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
maleic anhydride (Component)	CAS-No.: 108-31-6 EC-No.: 203-571-6 EC Index-No.: 607-096-00-9 REACH-no: 01-2119472428- 31	< 0.001	Acute Tox. 4 (Oral), H302 STOT RE 1, H372 Skin Corr. 1B, H314 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1A, H317 EUH071

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
(Component)	CAS-No.: 108-31-6 EC-No.: 203-571-6 EC Index-No.: 607-096-00-9 REACH-no: 01-2119472428- 31	(0.001 ≤ C ≤ 100) Skin Sens. 1A; H317

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: IF exposed or concerned: Get medical advice/attention. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.
First-aid measures after skin contact	: Wash skin with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. In case the melted product gets on skin, cool immediately with cold water Do not remove solidified product from the skin. Cover wounds with sterile bandage. Call a doctor.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation develops. Contact with hot material - prevent serious burns.
First-aid measures after ingestion	: Rinse mouth thoroughly with water. If vomiting occurs have person lean forward. Get immediate medical advice/attention.

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No additional 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 Unsuitable extinguishing media	Use extinguishing media appropriate for surrounding fire.Do not use a heavy water stream.	
5.2. Special hazards arising from the substance or mixture		
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Do not breathe fumes from fires or vapours from decomposition.	
5.3. Advice for firefighters		
Firefighting instructions	 Eliminate all ignition sources if safe to do so. Move containers from fire area if it can be done without personal risk. Cool down the containers exposed to heat with a water spray. Do not allow run-off from fire-fighting to enter drains or water courses. 	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	

SECTION 6: Accidental release measures		
6.1. Personal precautions, protectiv	e equipment and emergency procedures	
For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Risk of thermal burns on contact with molten product.	
For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for containment and cleaning up		

Methods for cleaning up Other information	 If melted: allow liquid to solidify before taking it up. Sweep or shovel spills into appropriate container for disposal. Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid skin contact with hot material. Wear personal protective equipment.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.



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7.2. Conditions for safe	e storage, including any incompatibi	ities	
Storage conditions	: Store in a dry, v Keep container	vell ventilated place away from sources of heat, ignitic tightly closed.	on and direct sunlight.
Incompatible products	: Strong acids, st	rong bases and strong oxidants.	
Storage temperature	: 5 – 30 °C		

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

maleic anhydride (108-31-6)		
United Kingdom - Occupational Exposure Limits		
Local name	Maleic anhydride	
WEL TWA (OEL TWA)	1 mg/m³	
WEL STEL (OEL STEL)	3 mg/m ³	
Remark	Sen (Capable of causing occupational asthma)	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

DNEL and PNEC

maleic anhydride (108-31-6)		
DNEL/DMEL (Workers)		
Acute - local effects, dermal	0.04 mg/kg bw/day	
Acute - local effects, inhalation	0.8 mg/m ³	
Long-term - systemic effects, dermal	0.04 mg/kg bodyweight/day	
Long-term - local effects, dermal	0.04 mg/kg bw/day	
Long-term - systemic effects, inhalation	0.4 mg/m ³	
Long-term - local effects, inhalation	0.4 mg/m ³	
PNEC (Water)		
PNEC aqua (freshwater)	0.1 mg/l	
PNEC aqua (marine water)	0.01 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	0.4281 mg/l	
PNEC sediment (marine water)	0.0334 mg/l	
PNEC (Soil)		
PNEC soil	0.0415 mg/l	
PNEC (STP)		
PNEC sewage treatment plant	44.6 mg/l	

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8.2. Exposure controls

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Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Eye and face protection

Eye protection:

Use splash goggles when eye contact due to splashing is possible

Skin protection

Skin and body protection: During handling at high temperatures : Wear suitable coveralls to prevent exposure to the skin

Hand protection:

Wear protective gloves. Use protective gloves for processing hot materials

Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Thermal hazards

Thermal hazard protection: Use insulated gloves when handling this material hot.

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Always wash hands after handling the product. Do not breathe vapour/aerosol. Do not eat, drink or smoke in areas where product is used.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

		.
Physical state	:	Solid
Colour	:	Yellow.
Appearance	:	Opaque.
Odour	:	Not available
Odour threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not applicable
Boiling point	:	Not available
Flammability	:	Non flammable.
Lower explosion limit	:	Not applicable
Upper explosion limit	:	Not applicable
Flash point	:	Not applicable
Auto-ignition temperature	:	> 250 °C
Decomposition temperature	:	Not available
рН	:	Not available
pH solution	:	Not available
Viscosity, kinematic	:	Not applicable
Viscosity, dynamic	:	≈ 18000 mPa·s
Solubility	:	Insoluble.
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	Not available
Vapour pressure at 50°C	:	Not available
Density	:	≈ 1 g/cm³
Relative density	:	Not available
Relative vapour density at 20°C	:	Not applicable
Particle size	:	Not available



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Other safety characteristics

VOC content

: 0%

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong acids, strong bases and oxidation agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

SECTION 11: Toxicological information

This mornation on nazara classes as denne	
Acute toxicity (oral):Acute toxicity (dermal):Acute toxicity (inhalation):	Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)
maleic anhydride (108-31-6)	
LD50 oral rat	1090 mg/kg OECD Test Guideline 401
LD50 dermal rabbit	2620 mg/kg
LC50 Inhalation - Rat	> 4.35 mg/l
Skin corrosion/irritation : Serious eye damage/irritation : Respiratory or skin sensitisation : Germ cell mutagenicity : Carcinogenicity : Reproductive toxicity : maleic anhydride (108-31-6) NOAEL	Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) S5 mg/kg bodyweight
NOAEL (F1)	55 mg/kg bodyweight
STOT-single exposure : STOT-repeated exposure :	Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)
maleic anhydride (108-31-6)	
LOAEL (oral, rat, 90 days)	100 – 250 mg/kg bodyweight/day
NOAEL (oral, rat, 90 days)	40 – 100 mg/kg bodyweight/day

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maleic anhydride (108-31-6)		
NOAEC (inhalation, rat, vapour,	90 days) 0.0	0033 mg/l	
STOT-repeated exposure		uses damage to organs (respiratory system) through prolonged or rependent of the system).	eated exposure
Aspiration hazard	: Nc	t classified (Based on available data, the classification criteria are not r	net)
EVA Cleaner 50			
Viscosity, kinematic	Nc	t applicable	

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term : (acute)	Not classified (Based on available data, the classification criteria are not met)	
Hazardous to the aquatic environment, long-term : (chronic)	Not classified (Based on available data, the classification criteria are not met)	
maleic anhydride (108-31-6)		
LC50 - Fish [1]	75 mg/l (Oncorhynchus mykiss)	
EC50 - Crustacea [1]	42.81 mg/l (Daphnia magna)	
EC50 72h - Algae [1]	74.35 mg/l (Pseudokirchneriella subcapitata)	
NOEC chronic crustacea	10 mg/l	
12.2. Persistence and degradability		
maleic anhydride (108-31-6)		
Persistence and degradability	Readily biodegradable.	
Biodegradation	> 90 % OECD Test Guideline 301B	
12.3. Bioaccumulative potential		
No additional information available		
12.4. Mobility in soil		
EVA Cleaner 50		
Ecology - soil	No data available.	
12.5. Results of PBT and vPvB assessment		
EVA Cleaner 50		
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII		
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII		
(1) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis		

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12.6. Endocrine disrupting	properties			
Adverse effects on the environme endocrine disrupting properties	ent caused by	with Article not identifie out in Com	e does not contain substance(s) included in the list establish 59(1) of REACH for having endocrine disrupting properties id as having endocrine disrupting properties in accordance mission Delegated Regulation (EU) 2017/2100 or Commiss t a concentration equal to or greater than 0,1 %.	, or substance(s) are with the criteria set
12.7. Other adverse effects				

Other adverse effects

: No other effects known.

SECTION 13: Disposal considerations	3
13.1. Waste treatment methods	
Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Do not allow into drains or water courses.
Product/Packaging disposal recommendations	: a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
Ecological waste information	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	14.1. UN number or ID number			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport Not applicable

Transport by sea Not applicable

Air transport Not applicable

Inland waterway transport Not applicable

Rail transport Not applicable

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14.7. Maritime transport in bulk according to IMO instruments

. . .

Not applicable

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SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

VOC Directive (2004/42)

VOC content : 0 %

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP)

United Kingdom

 British National Regulations
 : Directive 2008/98/EC of the European Parliament and of the Council on waste and
repealing certain Directives, in the valid wording.
Regulation (EC) No 1013/2006 of the European Parliament and of the Council on shipments
of waste, in the valid wording.
UK REACH.
GB CLP.
UK Waste Regulations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Version: 3.0

S	Changed item Supersedes	Comments
S	-	Comments
	Supersedes	
R		Modified
	Revision date	Modified
	Adverse health effects caused by endocrine disrupting properties	Added
1.1 U	JFI on SDS 1.1	Added
	Adverse physicochemical, human health and environmental effects	Removed
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Removed
2.2 E	EUH-statements	Modified
2.2 H	Hazard pictograms (CLP)	Removed
2.2 P	Precautionary statements (CLP)	Removed
2.2 H	Hazard statements (CLP)	Removed
2.2 S	Signal word (CLP)	Removed
	Other hazards not contributing to the classification	Removed
3 C	Composition/information on ingredients	Modified
4.1 F	First-aid measures after ingestion	Modified
4.1 F	First-aid measures general	Modified
4.2 S	Symptoms/effects after eye contact	Removed
4.2 S	Symptoms/effects after inhalation	Removed
4.2 S	Symptoms/effects after skin contact	Removed
5.1 S	Suitable extinguishing media	Modified
6.1 E	Emergency procedures	Modified
7.1 P	Precautions for safe handling	Modified
7.1 H	Hygiene measures	Modified
7.2 Ir	ncompatible products	Modified
7.2 N	Maximum storage period	Removed
8.2 H	Hand protection	Modified
8.2 P	Personal protective equipment	Removed
8.2 R	Respiratory protection	Modified
8.2 E	Eye protection	Modified
8.2 A	Appropriate engineering controls	Modified
8.2 S	Skin and body protection	Modified
9 S	Solubility	Added
9 V	/iscosity, dynamic	Modified
9 R	Relative vapour density at 20°C	Removed
9 A	Auto-ignition temperature	Modified

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Indication of changes		
Section	Changed item	Comments
9	Density	Modified
12.2	Persistence and degradability	Removed
12.3	Bioaccumulative potential	Removed
12.4	Ecology - soil	Modified
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added
16	Training advice	Modified
16	Data sources	Modified

Abbreviations and acro	onyms:
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
РВТ	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)

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Abbreviations and acronyms:		
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disruptor	

Data sources

: ECHA Guidance on the compilation of safety data sheets

Training advice

ECHA C&L Inventory database. Supplier's safety documents. : Provide SDS to employees. Follow general rules on handling chemical substances and/or mixtures.

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Full text of H- and EUH-statements:		
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
EUH071	Corrosive to the respiratory tract.	
EUH208	Contains maleic anhydride(108-31-6). May produce an allergic reaction.	
EUH210	Safety data sheet available on request.	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
H302	Harmful if swallowed.	
H314	Causes severe skin burns and eye damage.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
H372	Causes damage to organs through prolonged or repeated exposure.	
Resp. Sens. 1	Respiratory sensitisation, Category 1	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Sens. 1A	Skin sensitisation, category 1A	
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.