SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Opus Kat

Revision 1

Revision date 2020-08-07

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

1.1. Product identifier

Product name	Opus Kat
Product code	QAFS829

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

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Description	Kerosene Additive.

1.3. Details of the supplier of the safety data sheet

Company	Ferguson and Menzies Ltd
Address	312 Broomloan Road Glasgow G51 2JW
Web	www.fergusonmenzies.co.uk
Telephone	0141 445 3555
Fax	0141 425 1079
Email	info@fergusonmenzies.co.uk
Email address of the competent person	info@fergusonmenzies.co.uk

1.4. Emergency telephone number

Emergency telephone number	0141 445 3555 9.00am - 17.00pm National Poisons Information Service: For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice) If you are a healthcare professional with an enquiry please visit www.TOXBASE.org

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H336; Carc. 2: H351; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger

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Opus Kat

2.2. Label elements

Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Carc. 2: H351 - Suspected of causing cancer . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P310+P330+P331 - IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. Do NOT induce vomiting. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.

2.3. Other hazards

Other hazards	This mixture is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Hydrocarbons, C10, aromatics, >1% naphthalene.		64742-94-5	265-198-5		10 - 20%	: EUH066; Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 2: H411;
xylene (Xylene, o-,m-,-p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7		1 - 10%	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315;
2-butoxyethanol	603-014-00-0	111-76-2	203-905-0	01-2119475108-36	20 - 30%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;
propan-2-ol	603-117-00-0	67-63-0	200-661-7	01-2119457558-25	20 - 30%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;
cyclohexyldimethylamine		98-94-2	202-715-5	01-2119530303-60	1 - 10%	Flam. Liq. 3: H226; Acute Tox. 3: H301+H311+H331; Skin Corr. 1B: H314; Eye Dam. 1: H318;
ethylbenzene	601-023-00-4	100-41-4	202-849-4	01-2119892111-44	0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 4: H332;
naphthalene (Naphtalene)	601-052-00-2	91-20-3	202-049-5		1 - 10%	Carc. 2: H351; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
ά, ά - propylenedinitilodi-o-cresol		94-91-7	202-374-2	01-2119958970-25	0 - 0.5%	Acute Tox. 4: H302; Skin Sens. 1: H317; Repr. 1B: H360FD; Aquatic Chronic 3: H412;
1,2,4-trimethylbenzene	601-043-00-3	95-63-6	202-436-9		0.5 - 1%	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411;
Hydrocarbons C10, Aromatics, <1% Naphthalene, [Solvent naphtha (petroleum), heavy arom]		64742-94-5	265-198-5	01-2119463583-34	0.5 - 1%	: EUH066; Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 2: H411;

Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

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Opus Kat

Revision 1
Revision date 2020-08-07

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash with water and soap as a precaution.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

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

Inhalation	High concentration of vapour in enclosed space may cause irritation,headaches and nausea. May cause irritation to respiratory system.
Eye contact	Causes serious eye irritation. Risk of serious damage to eyes.
Skin contact	Causes skin irritation. There may be mild irritation at the site of contact. Defatting agent. May cause skin to dry/crack. Prolonged contact may cause defatting of the skin.
Ingestion	Harmful if swallowed. Harmful: possible risk of irreversible effects if swallowed.

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

	TREAT SYMPTOMATICALLY.
Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

General information

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.

Further information

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable protective equipment. Flammable liquid. Avoid sparks, flames, heat and sources of ignition.

6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained.

6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.

6.4. Reference to other sections

	See section 2, 7, 8, 13 for further information.

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Opus Kat

Revision 1
Revision date 2020-08-07

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

	Flammable liquid. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children.

7.3. Specific end use(s)

	Kerosene Additive.

Suitable packaging

	Plastic containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	Occupational exposure controls.

8.1.1. Exposure Limit Values

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8.1.1. Exposure Limit Values

1,2,4-trimethylbenzene	DIR: 2017/164	8hTWA mg/m3: 100
	8hTWA ppm: 20	STEL mg/m3: -
	STEL ppm: -	NOT: -
2-butoxyethanol	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 123
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 101.2
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
ethylbenzene	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m3: 441
	WEL 15 min limit ppm: 125	WEL 15 min limit mg/m3: 552
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
Hydrocarbons, C10, aromatics, >1% naphthalene.	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 5
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
naphthalene (Naphtalene)	DIR: 2017/164	8hTWA mg/m3: 50
	8hTWA ppm: 10	STEL mg/m3: -
	STEL ppm: -	NOT: -
propan-2-ol	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m3: 1250
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
xylene (Xylene, o-,m-,-p-or mixed isomers)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 220
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m3: 441
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -

DNEL: Derived no-effect level.

Exposure Pattern - Workers

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Opus Kat

Revision 1
Revision date 2020-08-07

Exposure Pattern - Workers

1,2,4-trimethylbenzene	Acute inhalation - Systemic effects	100 mg/m³		
	Acute inhalation - Local effects	100 mg/m³	Long-term - inhalation - Systemic effects	100 mg/m³
	Long-term - inhalation - Local effects	100 mg/m³	Long-term - dermal - Systemic effects	16171 mg/kg
2-butoxyethanol	Acute inhalation - Systemic effects	1091 mg/m³		
	Acute inhalation - Local effects	246 mg/m³	Acute dermal - Systemic effects	89 mg/kg
	Long-term - inhalation - Systemic effects	98 mg/m³	Long-term - dermal - Systemic effects	125 mg/kg
ethylbenzene	Acute inhalation - Local effects	293 mg/m³		
	Long-term - inhalation - Systemic effects	77 mg/m³	Long-term - dermal - Systemic effects	180 mg/kg
Hydrocarbons, C10, aromatics, >1% naphthalene.	Long-term - inhalation - Systemic effects	151 mg/m³		
	Long-term - dermal - Systemic effects	12.5 mg/kg		
naphthalene	Long-term - inhalation - Systemic effects	25 mg/m³		
	Long-term - inhalation - Local effects	25 mg/m³	Long-term - dermal - Systemic effects	3.57 mg/kg
propan-2-ol	Long-term - inhalation - Systemic effects	500 mg/m³		
	Long-term - dermal - Systemic effects	888 mg/kg		

Exposure Pattern - General population

1,2,4-trimethylbenzene	Acute inhalation - Systemic effects	29.4 mg/m³		
	Acute inhalation - Local effects	29.4 mg/m³	Long-term - inhalation - Systemic effects	29.4 mg/m³
	Long-term - inhalation - Local effects	29.4 mg/m³	Long-term - dermal - Systemic effects	9512 mg/kg
	Long-term - oral - Systemic effects	15 mg/kg		
2-butoxyethanol	Acute inhalation - Systemic effects	426 mg/m³		
	Acute dermal - Systemic effects	89 mg/kg	Acute oral - Systemic effects	26.7 mg/kg
	Long-term - inhalation - Systemic effects	59 mg/m³	Long-term - inhalation - Local effects	147 mg/m³
	Long-term - dermal - Systemic effects	75 mg/kg	Long-term - oral - Systemic effects	6.3 mg/kg
Hydrocarbons, C10, aromatics, >1% naphthalene.	Long-term - inhalation - Systemic effects	32 mg/m³		
	Long-term - dermal - Systemic effects	7.5 mg/kg	Long-term - oral - Systemic effects	7.5 mg/kg
propan-2-ol	Long-term - inhalation - Systemic effects	89 mg/m³		
	Long-term - dermal - Systemic effects	319 mg/kg	Long-term - oral - Systemic effects	26 mg/kg

8.2. Exposure controls

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use

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Opus Kat

8.2. Exposure controls

	appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.
8.2.1. Appropriate engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below there respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.
Eye / face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Skin protection - Handprotection	Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
8.2.3. Environmental exposure controls	Prevent further leakage or spillage if safe to do so.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Initial boiling point	No data available
Flash point	24 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.85 - 0.93 (H2O = 1 @ 20 °C)
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	100 centipoise
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Miscible in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

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10.1. Reactivity

	Flammable liquid. Stable under normal conditions.

10.2. Chemical stability

	Flammable liquid. Stable under normal conditions.

10.3. Possibility of hazardous reactions

	Oxidising agents. Combustible materials.

10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.

10.5. Incompatible materials

	Oxidising agents. Combustible materials.

10.6. Hazardous decomposition products

	No Hazardous decomposition products when stored and handled correctly.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).
Acute toxicity	based on available data the classification criteria are not met. Oral ATE = 2532.3 mg/kg. Dermal ATE = 3161.07 mg/kg. Inhalation Vapours ATE = 4.9 mg/l. Inhalation Dust/Mist ATE = 74.62 mg/l.
Skin corrosion/irritation	Skin Irrit. 2: H315 - Causes skin irritation.
Serious eye damage/irritation	Eye Irrit. 2: H319 - Causes serious eye irritation.
Respiratory or skin sensitisation	based on available data the classification criteria are not met.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	Carc. 2: H351 - Suspected of causing cancer .
Reproductive toxicity	based on available data the classification criteria are not met.
STOT-single exposure	STOT SE 3: H336 - May cause drowsiness or dizziness.
STOT-repeated exposure	based on available data the classification criteria are not met.
Aspiration hazard	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

11.1.2. Mixtures

	No data available.

11.1.3. Hazard Information

	No data available.

11.1.4. Toxicological Information

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11.1.4. Toxicological Information

2-butoxyethanol	**Inhalation Rat LC50/15min:** 4500 ppm	**Inhalation Rat LC50/30min:** 11.0 mg/l
	Dermal Rat LD50: 1100 mg/kg	**Oral Rat LD50:** 1300 mg/kg
	Inhalation Rat LC50/4 h: 1.5 mg/l	
ethylbenzene	**Oral Rat LD50:** 4560 mg/kg	**Inhalation Mouse LC50/2 h:** 35500 mg/m3
	Dermal Rabbit LD50: >5000 mg/kg	**Inhalation Rat LC50/4 h:** 4000 ppm
Hydrocarbons, C10, aromatics, >1% naphthalene.	**Dermal Rabbit LD50:** 2000 mg/kg	**Inhalation Rat LC50/4 h:** >590 mg/m3
naphthalene	**Dermal Rat LD50:** >2500 mg/kg	**Oral Rat LD50:** 490 mg/kg
	Dermal Rabbit LD50: >2000 mg/kg	**Inhalation Rat LC50/4 h:** >340 mg/m3
propan-2-ol	**Inhalation Rat LC50/6 h:** >10000ppm	**Oral Rat LD50:** 5840.0 mg/kg
	Dermal Rabbit LD50: 13.900.0 mg/kg	
xylene	**Dermal Rat LD50:** 4320 mgkg	**Oral Rat LD50:** 4300 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

1,2,4-trimethylbenzene	**Fish LC50/96h:** 7.7200 mg/l	
2-butoxyethanol	**EC50 for marine or freshwater organisms** >100.0000 mg/l	**LC50 for marine or freshwater organisms** >100.0000 mg/l
ethylbenzene	**Daphnia EC50/48h:** 2.9300 mg/l	**Fish LC50/96h:** 4.2000 mg/l
	Green algae EC50/96h: 3600 ug/l	**Algae EC50/72h:** 4600 ug/l
	Green Algae EC50/48h: 7.2 mg/l	
Hydrocarbons, C10, aromatics, >1% naphthalene.	**Daphnia EC50/48h:** 3.0000 mg/l	**Fish LC50/96h:** 5.0000 mg/l
naphthalene	**Daphnia EC50/48h:** 1.9600 mg/l	**Fish LC50/96h:** 1.6 mg/l
propan-2-ol	**Daphnia EC50/48h:** 10000.0000 mg/l	**Fish LC50/96h:** 4200.0000 mg/l
	Fathead minnows LC50/96h: 9640 mg/l	
xylene	**Fish LC50/96h:** 3.3000 mg/l	

12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

12.3. Bioaccumulative potential

The product is not bioaccumulating.

Partition coefficient

	Opus Kat No data available	**2-butoxyethanol** 0.8 log P
	propan-2-ol 0.05 log P	

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

This mixture is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

General information

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Opus Kat

Revision 1
Revision date 2020-08-07

General information	
	Dispose of in compliance with all local and national requirements.

Disposal of packaging	
	Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

SECTION 14: Transport information

Hazard pictograms

14.1. UN number	
	UN1993

14.2. UN proper shipping name	
	FLAMMABLE LIQUID, N.O.S. (Contains Isopropanol and Hydrocarbons Mixture)

14.3. Transport hazard class(es)	
ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group	
Packing group	III

14.5. Environmental hazards	
Environmental hazards	Yes
Marine pollutant	Yes

14.6. Special precautions for user	
	No additional special precautions.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
	Not applicable.

ADR/RID	
Hazard ID	30
Tunnel Category	(D/E)

IMDG	
EmS Code	F-E S-E

IATA	
Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information

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Opus Kat

Revision 1
Revision date 2020-08-07

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

Regulations	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

	No information available.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:. 1 - Description. 7 - 7.3. Specific end use(s). 8 - Skin protection - Handprotection. 8 - Eye / face protection. 8 - Skin protection - Other. 10 - 10.6. Hazardous decomposition products. 10 - 10.5. Incompatible materials. 11 - Acute toxicity. 12 - 12.1. Toxicity. 12 - 12.3. Bioaccumulative potential. 12 - 12.5. Results of PBT and vPvB assessment.
Data sources	Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:. Flam. Liq. 3: H226 - Flammable liquid and vapour. - Flash Point - 24 degC. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. - Calculation Method. Skin Irrit. 2: H315 - Causes skin irritation. - Calculation Method. Eye Irrit. 2: H319 - Causes serious eye irritation. - Calculation Method. STOT SE 3: H336 - May cause drowsiness or dizziness. - Calculation Method. Carc. 2: H351 - Suspected of causing cancer . Calculation Method. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. - Calculation Method.
Text of Hazard Statements in Section 3	EUH066 - Repeated exposure may cause skin dryness or cracking. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H336 - May cause drowsiness or dizziness. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Acute Tox. 4: H332 - Harmful if inhaled. Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Eye Dam. 1: H318 - Causes serious eye damage. Carc. 2: H351 - Suspected of causing cancer . Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Skin Sens. 1: H317 - May cause an allergic skin reaction.

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Opus Kat

Revision 1
Revision date 2020-08-07

Other information	
	Repr. 1B: H360FD - May damage fertility. May damage the unborn child. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. STOT SE 3: H335 - May cause respiratory irritation.

Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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