

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

1.1. Product identifier

Trade name or designation of the mixture	SENSODYNE WHITENING ISOACTIVE EU
Registration number	-
Synonyms	SENSODYNE BLACK REINDEER * SENSODYNE ISOACTIVE WHITENING GEL * BLACK REIN * SENSODYNE WHITENING ISOACTIVE FOAM * MFC 02375 * MFC 02387 * SODIUM FLUORIDE, SODIUM TRIPOLYPHOSPHATE AND POTASSIUM NITRATE, FORMULATED PRODUCT
Issue date	22-September-2014
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Medical Device

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.

Uses advised against No other uses are advised.

1.3. Details of the supplier of the safety data sheet

GlaxoSmithKline UK
980 Great West Road
Brentford, Middlesex TW8 9GS UK
UK General Information (normal business hours): +44-20-8047-5000
Email Address: msds@gsk.com
Website: www.gsk.com

1.4. Emergency telephone number

TRANSPORT EMERGENCIES::
UK In-country toll call: +(44)-870-8200418
International toll call: +1 703 527 3887
available 24 hrs/7 days; multi-language response

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Classification according to Regulation (EC) No 1272/2008 as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Supplemental label information None.

2.3. Other hazards

Aerosol containers may violently rupture when exposed to the heat of fire. Based on the ingredients and the result of the Foam Flammability Test, this product is unlikely to be considered a fire hazard.
See section 11 for additional information on health hazards.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
SIDENT	5 - < 10	7631-86-9 231-545-4	-	-	
Classification:	DSD: Xi;R36/37				
	CLP: Eye Irrit. 2;H319, STOT SE 3;H335				
Potassium nitrate	5	7757-79-1 231-818-8	-	-	
Classification:	DSD: O;R8				
	CLP: Ox. Sol. 3;H272				
SODIUM TRIPOLYPHOSPHATE	5	7758-29-4 231-838-7	-	-	
Classification:	DSD: Xi;R36/38, R52/53				
	CLP: Skin Irrit. 2;H315, Eye Irrit. 2;H319, Aquatic Chronic 3;H412				
ISOPENTANE	2	78-78-4 201-142-8	-	601-085-00-2	#
Classification:	DSD: F+;R12, Xn;R65, R66-67, N;R51/53				C
	CLP: Flam. Liq. 1;H224, Asp. Tox. 1;H304, STOT SE 3;H336, Aquatic Chronic 2;H411				
TEGO BETAIN CK D	1 - < 3	Unassigned 263-058-8	-	-	
Classification:	DSD: N;R50-51/53				
	CLP: Aquatic Acute 1;H400, Aquatic Chronic 2;H411				
CARVONE	< 1	2244-16-8 218-827-2	-	-	
Classification:	DSD: Xn;R22, R43				
	CLP: Acute Tox. 4;H302, Skin Sens. 1;H317				
XANTHAN GUM	< 1	11138-66-2 234-394-2	-	-	
Classification:	DSD: -				
	CLP: -				
Sodium fluoride	0,25	7681-49-4 231-667-8	-	009-004-00-7	#
Classification:	DSD: T;R25, Xi;R36/38, R32				
	CLP: Acute Tox. 3;H301, Skin Irrit. 2;H315, Eye Irrit. 2;H319				

Other components below reportable levels 80 - < 90

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Community workplace exposure limit(s).

Composition comments The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation	Move to fresh air. If breathing is difficult, trained personnel should give oxygen. Call a physician if symptoms develop or persist. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Immediately flush skin with plenty of water. Take off contaminated clothing and wash before reuse. Get medical attention if symptoms occur.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). If ingestion of a large amount does occur, call a poison control centre immediately. Do not induce vomiting without medical advice.

4.2. Most important symptoms and effects, both acute and delayed None known. Irritation of eyes.

4.3. Indication of any immediate medical attention and special treatment needed No specific antidotes are recommended. Treat according to locally accepted protocols. For additional guidance, refer to the current prescribing information or to the local poison control information centre.

SECTION 5: Firefighting measures

General fire hazards This product will support combustion.

5.1. Extinguishing media

Suitable extinguishing media Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media Water.

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures Containers should be cooled with water to prevent vapor pressure build up.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Use water spray to reduce vapours or divert vapour cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

6.4. Reference to other sections For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not re-use empty containers. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Level 1 Aerosol.

Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s)

Medicinal Product

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits****GSK****Components Type Value**

D-SORBITOL (CAS 50-70-4)	OHC	1
PEG 6 (CAS 2615-15-8)	OHC	2
SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4)	OHC	1
XANTHAN GUM (CAS 11138-66-2)	OHC	1

Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)**Components Type Value**

ISOPENTANE (CAS 78-78-4)	TWA	3000 mg/m3 1000 ppm
Sodium fluoride (CAS 7681-49-4)	TWA	2,5 mg/m3

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU**Components Type Value**

ISOPENTANE (CAS 78-78-4)	TWA	3000 mg/m3 1000 ppm
Sodium fluoride (CAS 7681-49-4)	TWA	2,5 mg/m3

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no-effect level (DNEL)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls**Appropriate engineering controls**

General ventilation normally adequate. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment**General information**

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Follow all local regulations if personal protective equipment (PPE) is used in the workplace.

Eye/face protection

Not normally needed. If contact is likely, safety glasses with side shields are recommended. (eg. EN 166)

Skin protection**- Hand protection**

Not normally needed. For prolonged or repeated skin contact use suitable protective gloves. Select suitable chemical resistant protective gloves (EN 374) with a protective index 6 (>480min permeation time).

- Other

Not normally needed. Wear suitable protective clothing as protection against splashing or contamination. (EN 14605 for splashes, EN ISO 13982 for dust)

Respiratory protection No personal respiratory protective equipment normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Where breathable aerosols/dust are formed, use suitable combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (eg. EN 14387).

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures For advice on suitable monitoring methods, seek guidance from a qualified environment, health and safety professional. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental exposure controls

Hazard guidance and control recommendations Contain spills and prevent releases and observe national regulations on emissions. Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Liquid.
Form Aerosol Foam.
Colour Light green.
Odour Not available.
Odour threshold Not available.
pH Not available.
Melting point/freezing point Not available.
Initial boiling point and boiling range Not available.
Flash point 25 °C (77 °F) Closed cup
Evaporation rate Not available.
Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.
Flammability limit - upper (%) Not available.

Vapour pressure Not available.

Vapour density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.
Solubility (other) Not available.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

Explosive properties Not available.

Oxidizing properties Not available.

9.2. Other information

Aerosol foam

Flame duration 0 s
Flame height 0 cm

SECTION 10: Stability and reactivity

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

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Keep away from heat, sparks and open flame. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials

Strong oxidising agents. Fluorine. Chlorine.

10.6. Hazardous decomposition products

Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

SECTION 11: Toxicological information**General information**

Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure**Ingestion**

Health injuries are not known or expected under normal use. However, ingestion is not likely to be a primary route of occupational exposure.

Inhalation

Health injuries are not known or expected under normal use.

Skin contact

Health injuries are not known or expected under normal use.

Eye contact

Health injuries are not known or expected under normal use. Irritating to eyes.

Symptoms

None known. Irritation of eyes.

11.1. Information on toxicological effects**Acute toxicity**

Health injuries are not known or expected under normal use.

Components**Species****Test results**

CARVONE (CAS 2244-16-8)

Acute*Oral*

LD50

Rat

1640 mg/kg

SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4)

Acute*Oral*

LD50

Rat

3120 mg/kg

XANTHAN GUM (CAS 11138-66-2)

Acute*Inhalation*

LC50

Rat

> 21 mg/l, 1 hour exposure

Oral

LD50

Rat

> 5000 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation

Health injuries are not known or expected under normal use. Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation

Irritating to eyes.

Respiratory sensitisation

Health injuries are not known or expected under normal use.

Skin sensitisation

Health injuries are not known or expected under normal use. Allergic skin reactions might occur following repeated contact with this material in susceptible individuals.

Germ cell mutagenicity

Health injuries are not known or expected under normal use. No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

Health injuries are not known or expected under normal use.

IARC Monographs. Overall Evaluation of Carcinogenicity

SIDENT (CAS 7631-86-9)

3 Not classifiable as to carcinogenicity to humans.

SODIUM FLUORIDE (CAS 7681-49-4)

3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity

Health injuries are not known or expected under normal use. This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure

None known.

Specific target organ toxicity - repeated exposure

None known.

Aspiration hazard

Not available.

Mixture versus substance information

No information available.

Other information

Not available.

SECTION 12: Ecological information

12.1. Toxicity

The product contains a substance which may cause long-term adverse effects in the environment.
Contains a substance which causes risk of hazardous effects to the environment.

Components		Species	Test results
Potassium nitrate (CAS 7757-79-1)			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	490 mg/l, 48 hours Static test
Fish	EC50	Bluegill sunfish (Adult <i>Lepomis macrochirus</i>)	420 mg/l, 96 hours Static test
		Guppy (Juvenile <i>Poecilia reticulata</i>)	180 mg/l, 96 hours Static test
		Mosquito fish (Adult <i>Gambusia affinis</i>)	22,5 mg/l, 96 hours Static test
SIDENT (CAS 7631-86-9)			
Aquatic			
<i>Acute</i>			
Crustacea	NOEC	Water flea (<i>Daphnia magna</i>)	> 10000 mg/l, 24 hours
Fish	NOEC	Zebra fish (Adult <i>Brachydanio rerio</i>)	> 10000 mg/l, 96 hours
Sodium fluoride (CAS 7681-49-4)			
<i>Acute</i>			
	IC50	Activated sludge	2930 mg/l, 3 hours
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (<i>Selenastrum capricornutum</i>)	272 mg/l, 96 hours
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	340 mg/l, 48 hours Static test
Fish	EC50	Fathead minnow (Juvenile <i>Pimephales promelas</i>)	180 mg/l, 96 hours Static renewal test
		Mosquito fish (Adult <i>Gambusia affinis</i>)	418 mg/l, 96 hours Static test
		Rainbow trout (Juvenile <i>Oncorhynchus mykiss</i>)	108 mg/l, 96 hours Static test
SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4)			
<i>Acute</i>			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
Aquatic			
<i>Acute</i>			
Algae	EC50	Algae	60 - 120 mg/l
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	1089 mg/l, 50 hours
Fish	EC50	Golden ide/orfe (Adult <i>Leuciscus idus</i>)	1650 mg/l, 48 hours
		Orange-red killfish (Adult <i>Oryzias latipes</i>)	590 mg/l, 48 hours Static test
TEGO BETAINE CK D (CAS Unassigned)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (<i>Scenedesmus subspicatus</i>)	0,55 mg/l, 96 hours
	NOEC	Green algae (<i>Scenedesmus subspicatus</i>)	0,09 mg/l, 96 hours
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	6,5 mg/l, 48 hours
	NOEC	Water flea (<i>Daphnia magna</i>)	1,6 mg/l, 48 hours
Fish	EC50	Zebra fish (Adult <i>Brachydanio rerio</i>)	2 mg/l, 96 hours semi-static test conditions
	NOEC	Zebra fish (Adult <i>Brachydanio rerio</i>)	1,7 mg/l, 96 hours semi-static test conditions
Microtox	MIC	<i>Pseudomonas</i>	> 3000 mg/l, 16 hours

Components	Species		Test results
Chronic Crustacea	LOEC	Water flea (Daphnia magna)	3,6 mg/l, 21 days
	NOEC	Water flea (Daphnia magna)	0,9 mg/l, 21 days
XANTHAN GUM (CAS 11138-66-2)			
Aquatic			
Acute Fish	EC50	Rainbow trout (Adult Oncorhynchus mykiss)	420 mg/l, 96 hours Static test

* Estimates for product may be based on additional component data not shown.

12.2. Persistence and degradability

Photolysis

Half-life (Photolysis-atmospheric)

CARVONE 2,7 Hours Estimated

Biodegradability

Percent degradation (Aerobic biodegradation-inherent)

TEGO BETAINE CK D 97 %, 28 days Modified Zahn-Wellens, DOC removal., Activated sludge
99 %, 28 days Modified Zahn-Wellens, DOC removal., Activated sludge

Percent degradation (Aerobic biodegradation-ready)

TEGO BETAINE CK D 100 %, 20 Days Modified Sturm test., Activated sludge
84 %, 30 days Closed Bottle test, Activated sludge

12.3. Bioaccumulative potential

Partition coefficient

n-octanol/water (log Kow)

ISOPENTANE 3,27

Bioconcentration factor (BCF)

CARVONE 11 Estimated
Sodium fluoride 2,3 Measured

12.4. Mobility in soil

Adsorption

Soil/sediment sorption - log Koc

CARVONE 1,93 Estimated

Mobility in general

Volatility

Henry's law

CARVONE 0,000077 atm m³/mol Estimated

12.5. Results of PBT and vPvB assessment Not available.

12.6. Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

General

Classifications are for the material when offered for transport as fully regulated. Depending on the specific transport details (Ship-From/Ship To locations, quantities being shipped, type of packaging and mode of transport) it may be possible to ship this material in a manner other than fully regulated. (One example is IATA Limited or Excepted Quantity. There are others.) Be sure to review all regulatory agency packaging instructions and special provisions, referenced in this section, to identify options applicable to the specifics of your shipment.

ADR

14.1. UN number	UN1950
14.2. UN proper shipping name	AEROSOLS, asphyxiant
14.3. Transport hazard class(es)	
Class	2.2
Subsidiary risk	-
Label(s)	2.2
Hazard No. (ADR)	Not available.
Tunnel code	E
14.4. Packing group	Not applicable.
14.5. Environmental hazards	No.
14.6. Special precautions for user	Not available.

IATA

14.1. UN number	UN1950
14.2. UN proper shipping name	Aerosols, non-flammable, (each not exceeding 1 L capacity)
14.3. Transport hazard class(es)	2.2
Subsidiary class(es)	-
14.4. Packing group	Not available.
Labels required	2.2
14.5. Environmental hazards	No.
14.6. Special precautions for user	Not available.

Other information

Cargo aircraft only Forbidden.

IMDG

14.1. UN number	UN1950
14.2. UN proper shipping name	AEROSOLS, asphyxiant
14.3. Transport hazard class(es)	
Class	2
Subsidiary risk	5A
Label(s)	2.2
14.4. Packing group	Not applicable.
14.5. Environmental hazards	
Marine pollutant	No.
EmS	Not available.
14.6. Special precautions for user	Not available.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

MARPOL Annex II applies to liquids used in a ship's operation that pose a threat to the marine environment. These materials may not be transported in bulk.

ADR; IATA



General information

Classifications are for the material when offered for transport as fully regulated. Depending on the specific transport details (Ship-From/Ship To locations, quantities being shipped, type of packaging and mode of transport) it may be possible to ship this material in a manner other than fully regulated. (One example is IATA Limited or Excepted Quantity. There are others.) Be sure to review all regulatory agency packaging instructions and special provisions, referenced in this section, to identify options applicable to the specifics of your shipment.

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

ISOPENTANE (CAS 78-78-4)

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

ISOPENTANE (CAS 78-78-4)

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Not listed.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

ISOPENTANE (CAS 78-78-4)

SODIUM FLUORIDE (CAS 7681-49-4)

Directive 94/33/EC on the protection of young people at work

ISOPENTANE (CAS 78-78-4)

SODIUM FLUORIDE (CAS 7681-49-4)

Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations

Follow national regulation for work with chemical agents.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

Not available.

References

GSK Hazard Determination

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R10 Flammable.
R12 Extremely flammable.
R22 Harmful if swallowed.
R25 Toxic if swallowed.
R32 Contact with acids liberates very toxic gas.
R36/37 Irritating to eyes and respiratory system.
R36/38 Irritating to eyes and skin.
R43 May cause sensitization by skin contact.
R50 Very toxic to aquatic organisms.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
R8 Contact with combustible material may cause fire.
H224 Extremely flammable liquid and vapour.
H272 May intensify fire; oxidiser.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Revision information

Product and Company Identification: Product and Company Identification
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Transport Information: Material Transportation Information
Regulatory Information: United States
GHS: Classification

Training information

Follow training instructions when handling this material.

Disclaimer

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.