

MATERIAL SAFETY DATA SHEET

Material Safety Data Sheet according to 1907/2006/EEC

				Skin Conditioning
	Glycerin	56-81-5	0,5-1	Skin Conditioning
	Benzalkonium Chloride	63449-41-2 / 68391-01- 5 / 68424- 85-1 / 85409-22- 9	0,05-0,09	Antimicrobial Antistatic Deodorant Preservative Surfactant

HAZARD IDENTIFICATION

Flammable

Eye Contact : Contact may cause mild, transient irritation. Some redness and/or stinging may occur.

Skin Contact : Not expected to be irritating, sensitizing, photoallergenic or phototoxic when used as intended. If irritation occurs following intended use or prolonged contact it is expected to be mild and transient.

Inhalation : Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated.

FIRST AID MEASURES

GENERAL INFORMATION

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. After first aid treatment, contact a physician.

SKIN PROBLEM

Discontinue use of product. Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Contact a physician.

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EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Thorough rinsing for 15-20 minutes of the affected eye with water is recommended. Get medical attention promptly if symptoms occur after washing.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque	Color	Pearly
Odour	Characteristic	Solubility	Soluble in water
Melting Point	Not available	Vapor Pressure	Not available

STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

MATERIALS TO AVOID

Flammable/combustible material.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS: Finished product is not expected to have chronic health effects

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

INGESTION

Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

Irritating and may cause redness and pain.

ECOTOXICOLOGICAL INFORMATION

ECOTOXICITY

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

MOBILITY

The product is soluble in water.

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BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

There are no data on the degradability of this product.

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EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Thorough rinsing for 15-20 minutes of the affected eye with water is recommended. Get medical attention promptly if symptoms occur after washing.

FIRE FIGHTING MEASURES

FLASH POINT (°C) : >60 °C

EXTINGUISHING MEDIA

Use: Chemical foam. Carbon dioxide (CO₂). Dry chemicals or Water.

SPECIAL FIRE FIGHTING PROCEDURES

Flammable material. Explosive mixtures may form with air. Contact emergency personnel.

UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives

SPECIFIC HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use open fire or other sources of ignition. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with water. Small Spillages: Absorb spillage with non-combustible, absorbent material. Wash thoroughly after dealing with a spillage. For waste disposal, see section 13.

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HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Do not use contact lenses. Keep away from heat, sparks and open flame. During application and drying, solvent vapours will be emitted. Read and follow manufacturer's recommendations. Protect against direct sunlight.

STORAGE PRECAUTIONS

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BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

There are no data on the degradability of this product.

DISPOSAL METHODS

GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Do not puncture or incinerate even when empty.

DISPOSAL METHODS

Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point. Make sure containers are empty before discarding (explosion risk). Dispose of waste and residues in accordance with local authority requirements. Use specialist disposal reference books for detail procedures. Empty containers must not be burned because of explosion hazard.

TRANSPORT INFORMATION

	Land Transport (DOT)	SEA Transport	Air Transport (IATA)
14.1 UN number	1950	1950	1950
14.2 UN proper shipping name	AEROSOLS, Flammable, 2.1	AEROSOLS, Flammable, 2.1	AEROSOLS, Flammable, 2.1
14.3 Transport hazard class(es)	2	2	2
14.4 Packing group	-	-	-
14.5 Environmental hazards	-	-	-
14.6 Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.
14.8 EMS Number	-	F-D,S-U	-
14.9 Separation Group	None	None	None

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REGULATORY INFORMATION

RISK PHRASES

R11 Flammable

HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Do not use contact lenses. Keep away from heat, sparks and open flame. During application and drying, solvent vapours will be emitted. Read and follow manufacturer's recommendations. Protect against direct sunlight.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Store between 41-95°F (5-35°C). Keep away from heat, sparks and open flame. Protect from light, including direct sun rays.

Shelf Life : 3 Years

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Name	STD	TWA- Hrs		STEL-15 Min		Notes
ETHANOL		1000 ppm	1920 mg/m3			

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Protective gloves and goggles must be used if there is a risk of direct contact or splash.

EYE PROTECTION

Contact lenses should not be worn when working with this chemical! Wear approved safety goggles.

OTHER PROTECTION

Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station and safety shower.

HYGIENE MEASURES

Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Promptly remove non-imperious clothing that becomes contaminated. Isolate contaminated clothing and wash before reuse.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque	Color	Pearly
Odour	Characteristic	Solubility	Soluble in water

MARPOL 73/78 and the IBC Code	bulk.	bulk.	bulk.
14.8 EMS Number	-	F-D,S-U	-
14.9 Separation Group	None	None	None

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1. IDENTIFICATION

RISK PHRASES

R11 Flammable.

SAFETY PHRASES

S2 Keep out of the reach of children.

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe spray. S51 Use only in well-ventilated areas.

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40)

2. OTHER INFORMATION

INFORMATION SOURCES

This MSDS is prepared based on the information received from the product owner.

RISK PHRASES IN FULL

R11 Flammable

R36/38 Irritating to eyes and skin.

DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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COMPOSITION INFORMATION ON INGREDIENTS

Ingredients				
	Ingredient	CAS Number	Concentration (%)	Function
	Alcohol Denat	-	65-75	Antifoaming Antimicrobial Astringent Masking Solvent Viscosity Controlling
	Butane	106-97-8	10-15	Propellant
	Isobutane	75-28-5	5-10	Propellant
	Propane	74-98-6	2-5	Propellant
	Aqua	7732-18-5	1-5	Solvent
	Tocopheryl Acetate	7695-91-2 / 58-95-7	0,5-1	Antioxidant Skin Conditioning
	Panthenol	81-13-0 / 16485-10-2	0,5-1	Antistatic Hair Conditioning

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