Safety Data Sheet

Regulation 1907/2006/EC, Article 31 REACH
Issue Number 1.02 SK014, Revision Date: September 2020
No. of pages 5

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

1.1. Product Identifier

Product Name	SK C1-22 Biodegradable Saponification Cleaning Solution (RoHS Compliant/Reach Compliant) No SVHC's

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

Description	Cleaner. For Industrial Use only.

1.3. Details of the supplier of the safety data sheet

Company	Solderking Assembly Materials Limited
Address	Unit 5D Lancaster Road Carnaby Industrial Estate Carnaby
Web	Bridlington East Yorkshire YO15 3QY
Telephone	01262 363088
Email	info@solderking.com
Email of competent person	info@solderking.com

1.4. Emergency telephone number

01262 363088

SECTION 2: Hazards Identification

2.1. Classification of the mixture

Main Hazards	Physical and Chemical: Not Classified Human Health: Eye Dam. 1- H318 Environment: Not classified

2.2 Label Elements EC 1272/2008
Classification

GHS Symbols

Signal Word: Danger

Precautionary Statements
P280: Wear protective gloves, eye and face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a poison centre or doctor/physician.

Hazard Statements
H315: Cause skin Irritation
H318: Causes serious eye damage
H335: May cause respiratory Irritation

2.3 Not classified as PBT/vPvB by current EU criteria

3.1. This material is defined as a mixture

Chemical Name	CAS	Concentration %w/w	Classification
Alcohol Ethoxylate	68439-46-3	5-15	Acute Tox 4-H302 / Eye Dam.1- H318
2-Aminoethanol	141-43-5	1-5	Acute Tox. 4-H302 / Acute Tox.4 – H312 / Acute Tox.4 – H332 / Skin Corr 1B- H314, STOT SE3-H335
Alkybenzene Suplhonic Acid Sodium Salt	85117-50-6	1-5	Acute Tox.4 – H302, Skin Irrit 2 – H315, Eye Dam 1 – H318

Ingredients not listed are classified as non hazardous or at a concentration below reportable levels.

SECTION 4: First Aid Measures

4.1. Description of first aid measures

Inhalation	Get medical attention if adverse health effects persist or are severe. Keep person warm and at rest.
Eye contact	Flush eyes with plenty of water and make sure contaminated water washes away from the face and clear upper and lower eyelids. Continue to rinse for 15 minutes.
Skin contact	Wash off with soap and plenty of water and remove contaminated clothing and shoes. Wash contaminated clothing before re-use. In the event of any complaints or symptoms, avoid further exposure.
Ingestion	Rinse mouth with water and DO NOT induce vomiting. If vomiting occurs, the head should be kept low as to not allow vomit into lungs. Never give anything by mouth to an unconscious person. If unconscious place in the recovery position. Obtain medical attention immediately.

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

4.3 Indication of any immediate medical attention and special treatment needed

Seek medical attention if any symptoms persist

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

Use extinguishing media appropriate to the surrounding fire conditions
Carbon dioxide (CO2), Alcohol resistant foam. Powder. Dry chemicals, sand, dolomite .
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products may include carbon oxides and other toxic gases or vapours.

5.3 Advice for Fire Fighters

Avoid breathing fire vapours. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours.
Fire fighters use self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not walk through or touch spilt material. Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains, soil, waterways and sewers. Prevent further spillage if safe

6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Wear necessary protective equipment.

6.4. reference to other sections

See section 2,8,13 for further information

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

7.2. Precautions for safe storage, including and incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep away from direct sunlight. Keep away from food and drink.

7.3. Specific end use(s)

Saponification Cleaner

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

2-Aminoethanol	TWA-8 hours 1ppm/2,5 mg/m3 sTEL-15 min 3ppm 7,6 mg/m3 Can be absorbed through skin

8.2. Exposure Controls

8.2.1 Appropriate engineering controls	Extraction should be used to reduce exposure. Please use health and safety guidelines to choose suitable extraction.

8.2.2. Individual protection measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use. Ensure that eye wash stations are close to the work area. Wear protective clothing. Disposable vinyl gloves.
Eye/face protection	Use safety goggles where exposure is probable.
Skin / Hand protection	Use suitable protective gloves if risk of skin contact. Nitrile gloves are recommended.
Biological Standards	The material possesses minimal risk to the environment.
Environmental exposure controls	

SECTION 9: Information on basic physical and chemical properties

State	Liquid
Colour	Blue
Odour	Characteristic
pH	11-13
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability limits	Not available
Vapour flammability	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Fat solubility	Not available
Partition coefficient	Not available
Autoignition temperature	Not available
Viscosity	Not available
Solubility	Soluble
9.2. Other Information	
Conductivity	No data available
Surface Tension	No data available
Gas group	No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available on this product

10.2. Stability

10.3. Possibility of Hazardous Reactions

No data available.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5.Incompatible Materials

Strong oxidizing agents

10.6 Hazardous Decomposition Products

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

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Inhalation	Fumes generated during use may cause irritation to the respiratory system and should be extracted away from the operator.
Ingestion	
Skin Contact	Prolonged contact may cause dryness of the skin. May cause skin irritation.
Eye contact	Irritating to eyes.
Target Organs	Eyes
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

SECTION 12: Ecological Information

12.1. Toxicity

No data available

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
No data available
12.6 Other adverse effects
No data available

SECTION 13: **Disposal Considerations**
General Information
Dispose of in compliance with all local and national regulations. Empty containers may contain product residue. The product container must be disposed of in a safe way.

Disposal methods
Contact a licensed waste disposal company. Avoid dispersal of spilt material and runoff in contact with soil, waterways

Disposal and Packaging
Do NOT reuse empty containers. Empty containers can be sent for disposal and recycling.

SECTION 14: Transport Information
Hazard Pictograms
Not hazardous for transport
14.1. UN Number
-
14.2. UN Proper Shipping Name
-
14.3. Transport Hazard Class

ADR/RID	-
Subsidiary risk	-
IMDG	-
Subsidiary risk	-
IATA	-
Subsidiary risk	-

14.4. Packing Group

Packing Group	-
	-

14.5. Environmental Hazards

Environmental hazard	No
Marine Pollutant	No

ADR/RID

Hazard ID	-
Tunnel Category	-

IMDG

Ems Code	-

IATA

Packing Instruction (Cargo)	-
Maximum quantity	-
Packing Instruction (Passenger)	-
Maximum quantity	-

SECTION 15: Regulatory Information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment
For this product a chemical safety assessment was not carried out

SECTION 16:.Further Information

This product is Reach and RoHS compliant.

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 related 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.