SDS KATSUZAI No.1 1/3page

Implementation: 2013-10-1 Revision: 2015-9-1

#### SAFETY DATA SHEET

1. Product and company(manufacturer) identification

ESLON KATSUZAI No.1 Product: Manufacturer: Sekisui Chemical Co., Ltd.

> Address: Toranomon 2-3-17, Minato-ku, Tokyo 105-8450

Urban Infrastructure & Environmental Products Company Responsible section:

Waterworks and Sewerage Division

03-5521-0756 Telephone: 03-5521-0756 Urgent telephone: 03-5521-0557 Fax: Urgent contact: same as above

Recommended use of the chemical and restrictions Lubricant agent(Do not use for waterworks.)

Other applications are prohibited. on use:

Document number: KA-01

2. Hazards identification

**GHS Classification** 

Physicochemical hazards: Classification not possible/Not applicable Health hazards: Classification not possible/Not applicable Environmental hazards: Classification not possible/Not applicable

Label elements

Pictogram or symbol: No symbol No signal word Signal word: Hazard statement: No hazard statement

Precautionary statement: N.A.

3. Composition/information on ingredients Nature of composition: Mixture

Chemical or common name: Lubricant of natural vegetable oil

Component	Content		Reference Number in Gazetted List in Japan	Others
fatty acid ester	85 to 95 %	8001-79-4		
polyhydric alcohol	1 to 10 %	56-81-5	(2)-242	
silica	1 to 10 %	112945-52-5	(1)-548	

4 First-aid measures

If vapor is inhaled: Take the affected person to a clean-air space and give him rest in a easy-

breathing pose. Seek physician's counsel as may be needed.

If attached to skin: Wash the local skin immediately. Take off the contaminated clothing's for cleaning. Seek physicians counsel if he suffers from irritation or drowsiness.

If gets in eye: Thoroughly wash the eye with clean water for a several minutes. Remove

contact lens if easily removable. Continue washing after removal. Seek

physician's counsel.

If swallowed: Immediately wash the mouth with water. Immediately seek physician's counsel.

Do not compel him to vomit.

Special note to physician: No information

5. Fire-fighting measures

Extinguishing agents: Carbon dioxide, powder agent, foam agent

Prohibited extinguishing agent: Water flux

Proper extinguishing method: Remove surrounding combustibles and use extinguishing agents. Use foam agent

to choke a large scale fire. Spray water over the neighborhood to cool and prevent fire spread. Fight against fire standing to its windward as much as

possible and wear breathing aid if necessary.

6. Accidental release measures

Health hazard precaution, protective wear and first-

aid:

Workers should use protective wears ( See Chapter 8) to prevent contact with the spilt adhesive and inhalation of its vapor. Rope off the crowd from the leak spot. Work from the windward and evacuate the leeward crowd. In case of indoor

leakage, ventilate as much as possible until the cleaning is completed.

Environmental hazard precaution: Prevent flow out to river, etc. so as not to badly affect the environment.

Recovery and neutralization: use absorbent (sawdust, dirt, sand, waste rug) to remove most of the spill and

wipe off the rest using waste rug.

Prevention of secondary casualty:

Quickly remove all the combustibles from around the leak spot and provide

extinguishers ready for use.

# 7. Handling and storage precautions

Handling

Technical measures: Use personal protective equipment as required.

Local & total ventilation: Handling work must be practiced in a room where local or total ventilation

facility is functioning.

Safe handling: Ban of high temperature substance, sparking and fire at nearby points.

> Prohibition of eating, drinking and smoking while the product is used. Wash hands well after handling. Avoid contact of the product with eye, skin and clothing. Handle it only after reading and understanding all the precautions. Use the

product only in a well ventilated room or outdoors.

Storage

Storing conditions: Store in a remote room from heat, sparks and naked flame. No smoking in the

storage room. Store in a cool, ventilated room.

8. Exposure controls and personal protection

Equipment disposal: Use in a well-ventilated area. Set up eye washing devices and hand wash station

Standard control concentration: Not reported Threshold limit value: Not reported

Individual protection measurer

Respiratory protection: None under normal conditions.

Hand protection: Latex gloves Eye protection: Safety glasses

Skin protection: long-sleeve fatigue uniform

Sanitary disposal: Wash hands thoroughly after handling.

9. Physical and chemical properties

Paste (Light yellow translucence) Appearance:

Odor: Oil and fat smell pH: No data Initial boiling point and boiling No data

range:

Flash point: Approx. 160°C relative density: Approx. 1.0 (at 20°C) spontaneous ignition temperature: Approx. 370°C

10. Stability and reactivity

Chemical stability: Stable at normal handling conditions.

Possibility of hazardous reactions: No data

Conditions to avoid: Avoid heat, flames and other sources of ignition.

It will generate heat, if alkali is mixed. Incompatible materials:

Hazardous decomposition products: Combustion generates carbon monoxide and carbon dioxide.

No data

11. Hazard information

Acute toxicity (oral) LD50 > 5000 mg/kg

Acute toxicity (dermal) No data No data Acute toxicity (inhalation: gas) Acute toxicity (inhalation: vapor) No data Acute toxicity (inhalation: dust and mist) No data Skin corrosion/irritation No data Eye damage/irritation No data Respiratory sensitization No data Skin sensitization No data Germ cell mutagenicity No data Carcinogenicity No data Reproductive toxicity No data Specific target organ toxicity (single exposure) No data Specific target organ toxicity (repeated exposure) No data

12. Ecological information

Aspiration hazard

No data Hazard to the aquatic environment(Acute hazard):

No data

Hazard to the aquatic environment(Long-term

hazard):

Does not contain any ingredient listed in the Annexes to the Montreal Protocol. Hazard to the ozone layer:

Classification Not Possible.

# 13. Notes on disposal

Residual & waster In the disposal of residual and other wastes, observe the relevant laws

/regulations and local government rules.

Users of the product should contract with the local government or licensed

'Industrial Waste Processors' for disposal of waste.

It is important to let the contractor know well of fire and health hazards of the

product, prior to disposal.

Contaminated containers & packages: Clean the containers for reuse or dispose them properly in accordance with

relevant regulations and local government rules. Completely empty containers prior to disposal.

### 14. Transport information

International regulations: Not listed UN number: Not listed UN division: Not listed

Measure for safety: Ensure no leakage before loading. Do not tumble, drop and crash the package

during loading.

Not listed National regulations, Japan:

Land transportation: Accordance with Fire Service Act/Industrial Safety and Health Act and so forth.

Accordance with Law for Safety of Vessels. Marine transportation: Air transportation: Accordance with Civil Aeronautics Act. Sea Pollution Prevention Act

Harmful liquid material

The enforcement order separate table first; Z Group

(Glycerol) However, it is non-corresponded when net weights of one container are less than 5L

### 15. Regulatory information

Labor Safety and Hygiene Law: Hazardous materials to be notified to the authority (Chapter 57, Section 2)

Hazardous materials to be posted (Chapter 18 of Ordinance)

(Not applicable)

Not applicable

Not applicable

Fire Defense Law: Designated combustible material, Synthetic resins, 3000kg over.

PRTR Law: Poisonous & Deleterious Substance Control Law:

Sea Pollution Prevention Act

Harmful liquid material

The enforcement order separate table first; Z Group

(Glycerol)

However, it is non-corresponded when net weights of one container are less than 5L

#### 16. Other information

Literature:

- 1) Chemicals Safety Data Sheet (MSDS) Part 1: Content and Order of Items
- 2) Guideline for MSDS Edition (Revised Edition) by Japan Chem. Ind. Assoc.
- 3) GHS Classification Database, Site of National Institute of Technology and Evaluation
- 4) Hazard Handbook of Chemicals by Japan Industrial Safety and Health Association
- 5) Hazard communication of chemicals based on GHS-Labelling and Safety Data Sheet(SDS) JIS
- Z 7253:2012

This data sheet is edited by referring to currently available information, however, it is not intended to guarantee the data values or the precision of contained information. The precautions mentioned above are for ordinary handling and use only therefore please handle with care by implementing appropriate safety measures for new application and usage.