

date of issue : 12/03/2013

Safety Data Sheets

1. Product and Company Identification

Product name :Sukkiri 71-L

Name of supplier :SOLAR CO., LTD.

Address :1-7, Nunobiki-cho-2-chome, Chuo-ku, Kobe, Hyogo-Pref. 651-0097 JAPAN

Division :R & D DEPT.

Phone :+81-790-49-2366

FAX :+81-790-49-1588

Product code(SDS NO) :EN300250-3

2. Hazards identification

GHS classification and label elements of the product

GHS classification

HEALTH HAZARDS

Skin sensitization : Category 1

ENVIRONMENT HAZARDS

Hazardous to the aquatic environment-acute toxicity : Category 2

Hazardous to the aquatic environment-chronic toxicity : Category 2



Signal word : Warning

HAZARD STATEMENT

May cause an allergic skin reaction

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENT

Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves.

Response

Wash contaminated clothing before reuse.

Collect spillage.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

Disposal

Dispose of contents/container in accordance with local/national regulation.

3. Composition/Information on Ingredients

Substance/Preparation :Preparation

Ingredient name	content(%)	CAS No.	PRTR law No, Japan
Perlite	5 - 10	Non Public	-
D-limonene	1 - 5	5989-27-5	-
Dimethyl Glutarate	5 - 10	1119-40-0	-
Dimethyl Succinate	1 - 5	106-65-0	-
Dimethyl Adipate	1 - 5	627-93-0	-

Water	65 - 70	7732-18-5	-
Activator	5 - 10	Non Public	-
Additive	1 - 5	Non Public	-

4. First-aid measures

IF INHALED

If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

IF ON SKIN(or hair)

If you observe unusual symptom, have irritation/pain and/or feel unwell, seek medical advice.

IF IN EYES :

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED

Rinse mouth.

Do NOT induce vomiting.

Immediately call a POISON CENTER or doctor/physician.

5. Fire-fighting measures

Suitable extinguishing media

In case of fire, use water mist, foam, dry powder or CO2.

Specific fire-fighting measures

Use appointed fire extinguisher.

Remove flammable matters quickly from nearby.

Apply water from a safe distance to cool and protect surrounding area.

Special protective equipment and precautions for fire-fighters

Fire extinguishing work has to be done from windward.

Wear proper protective equipment.

6. Accidental Release Measures

Personnel precautions, protective equipment and emergency procedures

Ventilate area after material pick up is complete.

Wear proper protective equipment.

Keep unauthorized personnel away.

Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.

Methods and materials for neutralization, containment and cleaning up

Place in a covered container.

Use non-sparking tools to collect absorbed material.

Preventive measures for secondary accident

Prepare extinguishers before catching fire.

7. Handling and Storage

Precautions for safe handling

Safety Measures/Incompatibility

Handle in good ventilation.

Do not handle until all safety precautions have been read and understood.

Conditions for safe storage, including any incompatibilities

Recommendation for storage

Keep container tightly closed.

Protect from sunlight. Store in a well-ventilated place.

8. Exposure Controls/Personal Protection

No Adopted value data available

Protective equipment

Respiratory protection

Especially there is no necessity.

Hand protection

Wear protective gloves.

Eye protection

Wear eye/face protection.

Skin and body protection

Wear protective gloves/clothing

9. Physical and Chemical Properties

Physical properties

Appearance :viscous liquid

Color :cream

Flash point :No data

Specific gravity :ca 0.92

10. Stability and Reactivity

Stability

Stable under normal storage/handling conditions.

11. Toxicological Information

Symptoms related to the physical, chemical and toxicological characteristics

Irritant properties

Skin corrosion/Irritation component(s) data

(D-limonene)

rabbit 500 mg/24H ; MODERATE

Skin sensitization

(D-limonene) CICADs No.5, 1998

Carcinogenic effects

(D-limonene)

IARC-Gr.3 ; Not Classifiable as a Human Carcinogen.

12. Ecological Information

Ecotoxicity

Aquatic toxicity

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

(D-limonene)

Crustacea (Daphnia magna) EC50=0.421 mg/L/48hr (NICNAS, 2002)

Water solubility

(D-limonene)

very poor (25 C) (ICSC, 2005)

Bioaccumulative potential

(D-limonene)

log Pow=4.2 (ICSC, 2005)

13. Disposal Considerations

Disposal methods

Avoid release to the environment (- if this is not the intended use).

Dispose of contents/container in accordance with local/national regulation.

14. Transport Information

UN No, UN CLASS

UN No :No data

Sea pollutants control law

Noxious Liquid ; Cat. X :Dimethyl Adipate

Noxious Liquid ; Cat. Y :Dimethyl Succinate; Dimethyl Glutarate

Special precautions in connection with transport or conveyance

Follow instruction in Handling & Storage.

15. Regulatory Information

Chemical Substances Control Law, Japan

Priority Assessment Chemical Substances :D-limonene

16. Other information

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (4th ed., 2011), UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 17th edit. UN

2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2011 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/monoeval/grlist.html>

Supplier's data/information

ezCric(Retrieval System/Japan Chemical Database Ltd.)

Other information

This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It are advised to make their own test