

date of issue : 08/08/2012

## Safety Data Sheet

### 1. Product and Company Identification

Product name :Sukkiri 71

Name of supplier :SOLAR CO., LTD.

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

Division :R &amp; D DEPT.

Phone :+81-790-49-2366

FAX :+81-790-49-1588

Product code(SDS NO) :EN300270-2

### 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.

Response

Wash contaminated clothing before reuse.

Collect spillage.

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	20 - 25	93763-70-3	-
Dibasic acid ester	60 - 65	Non Public	-
D-limonene	1 - 5	5989-27-5	-
Water	1 - 5	7732-18-5	-
C12-C14-secondary alcohols, ethoxylated	3.7	84133-50-6	1-407
Activator	1 - 5	Non Public	-
Additive	0.1 - 1	Non Public	-

---

#### 4. First-aid measures

##### IF INHALED

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

##### IF ON SKIN(or hair)

There is no necessity of especially first aid.

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 treatments

This product is for hand washing.

Do not use if you have skin abnormalities such as rash.

##### 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

### Protective equipment

#### Respiratory protection

Especially there is no necessity.

#### Hand protection

Especially there is no necessity.

#### Eye protection

Especially there is no necessity.

#### Skin and body protection

Especially there is no necessity.

---

## 9. Physical and Chemical Properties

### Physical properties

Appearance :powder

Color :pale yellow

Flash point :No data

Specific gravity :ca 0.63

---

## 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

### Allergenic and sensitizing effects

#### Skin sensitization

(D-limonene) CICADs (No.5, 1998) et al

### 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)

(Perlite)

poor (ICSC, 1995)

### Bioaccumulative potential

(D-limonene)

log Pow=4.2 (ICSC, 2005)

---

## 13. Disposal Considerations

### Waste residues

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·Y :Dibasic acid ester

Special precautions in connection with transport or conveyance

Follow instruction in Handling & Storage.

---

#### 15. Regulatory Information

PRTR law, Japan

Listed chemicals Gr.1 :C12-C14-secondary alcohols, ethoxylated

---

#### 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

Classification, labelling and packaging of substances and mixtures (reg.(EC) No 1272/2008)

2008 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2011 TLVs and BEIs. (ACGIH)

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

Supplier's data/information

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