JIANGXI HITOCHEM CO.,LTD

Material Safety Data Sheet

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: **H-633 leveling agent**
Chemical name: **Polysiloxanes,di-Me, 3-hydroxypropyl Me, ethers with polyethylene-polypropylene glycolmono-Me ether**

MANUFACTURED BY **JIANGXI HITOCHEM CO.,LTD**
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POST CODE: 330319

SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS NO.	CONCENTRATION
Polysiloxanes,di-Me, 3-hydroxypropyl Me, ethers with polyethylene-polypropylene glycolmono-Me ether	67762-85-0	>80%

SECTION 3 – HAZARDS IDENTIFICATION

APPEARANCE

Physical state Liquid

Color Straw-colored

Odor Moderate polyether

POTENTIAL HEALTH EFFECTS

Swallowing

Acute effects

No evidence of harmful effects from available information.

Effects of repeated overexposure

- injury to the kidney

Skin absorption

Acute effects

No evidence of harmful effects from available information.

Effects of repeated overexposure

May cause the following effects:

- skin irritation

Inhalation

Acute effects

Harmful effects are not expected from static vapor at ambient temperature. Inhalation of an aerosol of the neat

material within a confined space could result in respiratory distress and eye injury.

Skin contact

Acute effects

Brief contact is not expected to produce irritation.

Prolonged contact may result in:

- minor irritation
- transient local redness
- swelling

Eye contact

Acute effects

Liquid splashed into the eye causes discomfort.

Causes the following effects:

- pain
- excess blinking
- tear production
- excess redness of the conjunctivae
- swelling of the conjunctivae
- mild corneal injury

SECTION 4 - FIRST AID MEASURES

Swallowing

No emergency care anticipated..

Skin

Wash skin with soap and water.

Inhalation

Remove to fresh air if aerosol spray is inhaled. If breathing is difficult, administer oxygen. Obtain medical attention immediately.

Eye contact

Immediately flush eyes with water and continue washing for several minutes.Obtain medical attention.

Notes to physician

Severe eye irritant. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point	**＞100℃ (212°F)**
Ignition temperature :	**> 200 °C (> 392 °F)**
Autoignition temperture	Not determined.
Flammability limits in air	Not determined.
Extinguishing media	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO_2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual fire hazards None.

Hazardous decomposition products

Silicon dioxide. Carbon oxides and traces of incompletely burned carbon compounds.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions :

Eliminate all sources of ignition. Wear protective equipment: safety glasses, gloves and an appropriate respirator.

Environmental precautions :

Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.

Methods for containment :

Stop leak. Dike and contain spill.

Methods for cleaning up :

Pump into salvage tanks and/or absorb with suitable material.

Use sparkles shovels to remove material.

Additional advice :

No further information is available.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Handling precautions

Avoid contact with eyes. Do not breathe vapor, mist or aerosol. Use with adequate ventilation. Do not swallow. Wash thoroughly after handling.

Other precautions

Consult the manufacturer before using an aerosol of the neat liquid.

STORAGE

Storage requirements

Keep container closed.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Engineering measures

Engineering measures : Use with local exhaust ventilation.

Personal protective equipment

Eye protection : Safety Glasses

Hand protection : Protective gloves

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : Not necessary.

Hygiene measures : Clean long legged, long sleeved work clothes.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

pH : no data available

Freezing point : no data available

Initial boiling point : > 200 °C (> 392.00 °F)

Vapour pressure : < 1.0000000 hPa , at 20 °C (68.00 °F)

Evaporation rate : no data available

Density : 1.0400 g/cm3

at 20 °C (68.00 °F)Method: DIN EN ISO 2811-3

Bulk density : not applicable

Water solubility : completely miscible

Partition coefficient: n-octanol/water

: no data available

Viscosity, kinematic : at 20 °C (68.00 °F) no data available

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable.

Stability - Conditions to avoid

None known.

Incompatible materials

None currently known.

Hazardous combustion products

Burning can produce the following combustion products:

Oxides of carbon.

Oxides of silicon.

Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant.

Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

Hazardous polymerization: Will not occur.

Hazardous polymerization - Conditions to avoid

None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

SWALLOWING

Test results

Acute toxicity: LD50 Rats

Result: > 2,000 mg/kg

Remark:no toxicity

SKIN ABSORPTION

Test results

Acute toxicity: LD50

Result: > 4,000 mg/kg

Remark:no toxicity

SKIN CONTACT

Test results

Skin irritation: Species:Rabbit

Result:Mild irritation

Acute toxicity: LD50

Result: > 4,000 mg/kg

Remark:no toxicity

SKIN CONTACT

Test results

Skin irritation: Species:Rabbit

Result:=Mild irritation

SECTION 12 - ECOLOGICAL INFORMATION

All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

AQUATIC TOXICITY

Acute toxicity fish: LC50 Rainbow trout
Result: 4.5 mg/l
Exposure time: 96 h
Acute toxicity fish: NOEC Rainbow trout
Result: 3.2 mg/l
Exposure time:96 h
Acute toxicity to
aquatic
invertebrates:
EC50 Daphnia magna
Result: 24 mg/l
Exposure time:48 h
Acute toxicity to
aquatic
invertebrates:
NOEC Daphnia magna
Result: 5.6 mg/l
Exposure time: 48 h

Ecotoxicological information No data at this time.

Chemical fate information No data at this time

SECTION 13 - DISPOSAL CONSIDERATIONS

General: Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

Container sizes: 55 gallon drums,
DOT Not dangerous goods
IATA Not dangerous goods
IMDG_US Not dangerous goods

SECTION 15 - REGULATORY INFORMATION

Chemical name	CAS#	New Jersey TS Number
Polysiloxanes,di-Me, 3-hydroxypropyl Me, ethers with polyethylene-polypropylene glycolmono-Me ether	**67762-85-0**	

EPA Hazard Categories (SARA 311, 312): Immediate Health Hazard, Delayed Health Hazard

SECTION 16 - ADDITIONAL INFORMATION

RECOMMENDED USES AND RESTRICTIONS

Please consult the product and/or application information bulletins for this product.

HMIS Classification :

Health Hazard: 0

Flammability: 1

Reactivity: 0

PPI:X

National Fire Protection Association (NFPA) Class

0 (HMIS) Minimal hazard

1 (HMIS) Slight hazard

2 (HMIS) Moderate hazard

3 (HMIS) Serious hazard

4 (HMIS) Severe hazard

X (HMIS) Personal protection rating to be supplied by user depending on use conditions

The opinions expressed herein are those of qualified experts within our company. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of our company ,it is the user's obligation to determine the conditions of safe use of the products.