



YJ-590

Grease Dissolver - Powder

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: YJ-590
Product type: Grease Dissolver Powder
Distributor: C.razy Trading FZE
P. O. Box: 39377, RAK, UAE
Contact Number: +97172046445
email: info@crazy-trading.com
Website: www.crazy-trading.com

2. COMPOSITION

Sodium Meta Silicate

CAS: 6834-92-0
Content: 5-15%
Health Class: H302 / H315 / 319
Risk No: R22 - R31 - R36/37

Sodium Carbonate

CAS: 6834-92-0
Content: 5-10%
Health Class: H315 / H319
Risk No: R34/37

Nonionic Surfactant

CAS: 37821-47-3
Content: 2-7%
Health Class: H302 / H314
Risk No: R22 - R36/38

3. HAZARDS IDENTIFICATION

GHS Classification:

Contact with acid liberates toxic gas
Causes eye irritation
Causes skin irritation

GHS Pictogram:



Hazard Statements :

May cause slight eye irritation

4. FIRST AID MEASURES

In case of eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact:

Wash off immediately with plenty of water for at least 15 minutes. No known significant effects or critical hazards.

If swallowed:

Rinse mouth with water. No known significant effects or critical hazards.

If inhaled:

Remove to fresh air. No known significant effects or critical hazards.

Protection of first-aiders:

If potential for exposure exists refer to Section 8 for specific personal protective equipment (PPE).

Notes to physician: Treat symptomatically.

Most important symptoms and effects, both acute and delayed: See Section 11 for more detailed information on health effects and symptoms.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

None known.

Specific hazards during fire fighting:

Not flammable or combustible.

Hazardous combustion products:

Decomposition products may include the following materials: Carbon oxides

Special protective equipment for fire-fighters:

Wear Self-contained respiratory and personal protective equipment.

Specific extinguishing methods:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions:

Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up:

Stop leak if safe to do so. Contain spillage, and then collect powder and place in container for disposal according to local / national regulations (see section 13). Wash away with plenty of water at 3% concentration unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down a waste-water drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

7. HANDLING AND STORAGE

Advice on safe handling:

Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage:

Do not store near acids. Keep out of reach of children. Store containers upright, tightly sealed in original label.

Storage temperature:

20 °C to 50 °C

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering measures:

Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection:

Wear eye protection and/or face protection.

Hand protection:

No protective equipment is needed under normal use conditions.

Skin protection:

No protective equipment is needed under normal use conditions.

Respiratory protection:

No protective equipment is needed under normal use conditions.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:

Free flowing powder

Color:

White

Odor:

Not Applicable

pH:

12.0-13.0

Melting Point:

Not Applicable

Boiling Point:

Not Applicable

Flash Point:

Not Applicable

Self-igniting:

Not Applicable

Danger of Exploding:

No Explosive Hazard

Solubility:

Completely Water Soluble

10. STABILITY AND REACTIVITY

Chemical stability:

Stable under normal conditions.

Conditions to avoid:

None known.

11. TOXICOLOGICAL INFORMATION

Experience with human exposure:

Eye contact: Slightly irritating to the eyes.

Skin contact: No known significant effects or Critical hazards.

Ingestion: Harmful if swallowed

Inhalation: No known significant effects or Critical hazards.

Acute toxicity: No known significant effects or Critical hazards..

12. ECOLOGICAL INFORMATION

Surfactants used in the formulation are biodegradable in line with the requirement of EEC Directives 73/404/EEC and 73/405/EEC and their subsequent amendments. The product should not cause adverse effects on the environment. None reported.

13. DISPOSAL CONSIDERATIONS

Dispose off in accordance with local authorities regulations. Rinse out empty containers before disposing by land-fill or incineration.

14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

15. REGULATORY INFORMATION

Product classified as corrosive

Hazard symbol: Flammable

Risk Phrases:

R36/37 - Irritating to eyes and respiratory system

R22 - Harmful if swallowed

R36 - Irritating to eyes.

R31 - Contact with acids liberates toxic gas

Health Class Phrases:

H302 - Harmful if swallowed

H315 - Causes skin irritation

H319 - Causes serious eye irritation