

SAFETY DATA SHEET

DE-ICER



SECTION 1. PRODUCT INFORMATION

Product Name: DE-ICER, ICE REMOVER

Product Class: CAR CARE PRODUCT

Healthy Rating: 2

Flammability rating: 1

Reactivity Rating: 1

Fire: 1

PPE: B

SECTION 2. COMPOSITON/INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	Weight Percent
n-Heptane	142-82-5	20-30
Acetone	67-64-1	40-60
Methyl Cyclohexane	108-87-2	10-20
Carbon Dioxide	124-38-9	4
p-Amyl Acetate	628-63-7	2-5

SECTION 3. HEALTH HAZARD INFORMATION

Acute Effects:

Eye Hazards:

Contact with eyes can cause irritation, burning, tearing redness and blurred vision.

May cause eye injury.

Skin Hazards:

May cause skin irritation.

Ingestion Hazards:

Contains methanol, may be fatal or cause blindness if swallowed.

Inhalation Hazards:

Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea.

Chronic/Carcinogenicity Effects:

May cause kidney and liver damage.

Signs and Symptoms:

-Prolonged inhalation of vapor or mist may cause headache, dizziness and nausea.

-Prolonged contact with the skin causes irritation.

-Contact with eyes causes irritation and possible injury.

-Contains methanol, fatal or causes blindness if swallowed.

Conditions Aggravated By Overexposure:

Pre-existing lung, liver, kidney, coronary and nervous system disorders.

Medical Conditions Aggravated by Exposure:

Pre-existing eye, skin and respiratory disorders.

SECTION 4. FIRST AID MEASURES

Skin:

Wash affected area thoroughly with soap and water.

Eye:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Ingestion:

- Call a physician or a poison control center immediately.
- Contain methanol.
- Fatal or causes blindness if swallowed.
- If accidentally swallowed, call physician immediately.

Inhalation:

If overcome by vapor move victim to fresh air.

Seek doctor help immediately.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: Not available °F Not available °C

Flash Point Method: Not available

Lower Explosive Limit: Not available

Upper Explosive Limit: Not available

Fire And Explosion Hazards - This product is an aerosol product for which **Flame Projection is over 18 in. without**

flashback. Temperatures above 120 F may cause cans to burst.

Extinguishing Media - Use CO₂ (Carbon Dioxide), dry chemical, or foam.

Fire Fighting Instructions - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to Be Taken When Material Is Released or Spilled:

- Evacuate area and ventilate.
- Remove leaking container and transfer remaining product to another vessel.
- Mop or soak up spill with absorbent material and transfer to disposal drums using non-sparking equipment.
- Store in closed containers.
- Do not flush product to sewer.

SECTION 7. HANDLING AND STORAGE

Handling Precautions:

Avoid getting spray into eyes. Keep out of reach of children.

Storage Precautions:

Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity).

Work/Hygienic Practices:

Wash hands thoroughly after using this product.

SECTION 8. PERSONAL PROTECTION

Personal Protection:

Skin:

Protective clothing. Gloves of neoprene or nitrile rubber

Eyes:

Solvent resistant safety eyewear with splash guards or side shields to prevent eye contact.

Other Protection:

Sufficient ventilation, in volume and pattern, should be provided to keep air contamination concentrations

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Clear liquid with alcohol odor
Boiling Point:	148°F
Specific Gravity (H₂O = 1):	0.79200
Vapor Density (AIR = 1):	1.11
Vapor Pressure (mm Hg.):	N/D
Evaporation Rate (Butyl Acetate = 1):	5.9
Melting Point:	N/A
Solubility in Water:	Infinite

SECTION 10. STABILITY AND REACTIVITY

Stability:

Stable

Conditions to Avoid:

Open flames, electric arcs and other hot surfaces which may cause thermal decomposition.

Incompatibility (Materials to Avoid):

Oxygen and strong oxidizing agents. Will attack some forms of plastic and rubber.

Hazardous Decomposition products:

Carbon monoxide, carbon dioxide, if burned.

Hazardous Polymerization:

Will not occur.

SECTION 11. SPECIAL PRECAUTIONS

- Keep away from children.
- Do not puncture or incinerate.
- Do not spray near fire or open flame.

-Deliberate concentration and inhalation of vapors may be harmful or fatal.

SECTION 12. DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable state, federal and local regulations.

SECTION 13. TOXICOLOGICAL INFORMATION

No Data Available

SECTION 14. TRANSPORT INFORMATION

Proper Shipping Name - ORM-D Consumer Commodity

Hazard Class

2.1

DOT Identification Number

UN1950

DOT Shipping Label

Aerosol Consumer Commodity

SECTION 15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard; Chronic Health Hazard; Fire Hazard

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA Section 313 Notification - This product contains the following toxic chemicals subject to the reporting

requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

This information must be included in all MSDSs that are copied and distributed for this material. This product contains:

methanol and ethylene glycol. See Section 2 for percent amounts in the product.

Ingredient(s) - U.S. Regulatory Information

ETHYLENE GLYCOL

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health

Hazard

METHANOL

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health

Hazard; SARA - Fire Hazard

Ingredient(s) - State Regulations

CARBON DIOXIDE

New Jersey - Workplace Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York

City - Hazardous Substance

ETHYLENE GLYCOL

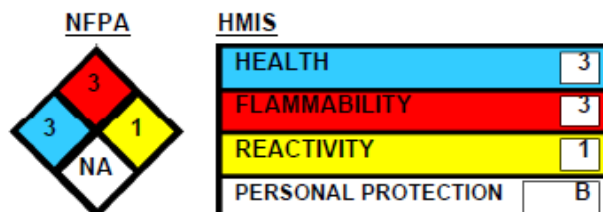
New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; Pennsylvania - Workplace Hazard;

Massachusetts - Hazardous Substance; New York City - Hazardous Substance

METHANOL

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania -

Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance



*****End of MSDS*****

SPLENDOR INDUSTRY COMPANY LIMITED

Tel:86755-29473960 Fax:86755-29473805 Email:sales@splendorcn.com

ADDRESS: A 1601, Splendor New Century, No. 1136, NanShan Road, Shenzhen, China

Disclaimer of Liability: The information contained herein is based on the data available to us and, is to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we assume no liability for damages incurred by use of this material. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which may exist. Users of this product should satisfy themselves that the conditions and methods of use assure the product is used safely. No representations or warranties, either expressed or implied, or any nature are made hereunder with respect to the information contained herein. It is the responsibility of the user to comply with any and all federal, state, or local laws and regulations which may exist. Nothing contained herein is to be construed as a recommendation for use in violation of any applicable laws or regulations.