

SAFETY DATA SHEET

1. Identification

Product Name: Mould release (Neutral)

Recommended use: lubricates, protects.

Recommended restrictions: None identified

Manufacturer/Importer/Supplier/Distributor information

Company name: Shenzhen Sunrise New Energy CO., Ltd.

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2. Hazards Identification

Physical hazards	Flammable aerosols	Category 2
Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	
Label elements		

Signal word

Danger

Hazard statement

Flammable aerosol. Harmful if swallowed. Contains gas under pressure; may explode if heated. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the work place. Avoid release to the environment. Wear eye protection/face protection.



Response	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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 attention.
Storage	Store locked up. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 49°C/120°F. Exposure to high temperature may cause can to burst.
Disposal	Dispose of contents/container in accordance with local/regional/national regulations.

3. Composition/information on ingredients

Chemical name	CAS #	Weight Percent
Petroleum Solvent	64742-89-8	30-40
Silicone Oil	63148-62-9	10-15
LPG	68476-85-7	50-60

Note: The exact percentages are a trade secret.

4. First Aid Measures

Ingestion (Swallowed)	Aspiration Hazard. DO NOT induce vomiting. Call physician, poison control center .
Eye Contact	Flush thoroughly with water. Remove contact lenses if present after the first 5 minutes and continue flushing for several more minutes. Get medical attention if irritation persists.
Skin Contact	Wash with soap and water. If irritation develops and persists, get medical attention.
Inhalation (Breathing)	If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.
Signs and Symptoms of Exposure	Harmful or fatal is swallowed. If swallowed, may be aspirated and cause lung damage. May cause mild eye, skin and respiratory tract irritation.
Indication of Immediate Medical Attention/Special Treatment Needed	Immediate medical attention is needed for ingestion.



5. Fire Fighting Measures

Suitable (and unsuitable) Extinguishing Media	Use water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.
Specific Hazards Arising from the Chemical	Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. A vapor and air mixture can create an explosion hazard in confined spaces. Combustion will produce oxides of carbon oxides, nitrogen and sulfur, smoke fumes, and unburned hydrocarbons.
Special Protective Equipment and Precautions for Fire-Fighters	Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting containers

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area.
Methods and Materials for Containment/Cleanup	Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

7. Handling and Storage

Precautions for Safe Handling	Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture, crush or incinerate containers, even when empty.
Conditions for Safe Storage	Store in a cool, well-ventilated area, away from incompatible materials Do not store above 120°F or in direct sunlight. U.F.C (NFPA 30B) Level 3 Aerosol. Store away from oxidizers.



8. Exposure Controls/Personal Protection

The Following Controls are Recommended for Normal Consumer Use of this Product

Appropriate Engineering Controls: Use in a well-ventilated area.

Personal Protection:

Eye Protection: Avoid eye contact. Always spray away from your face.

Skin Protection: Avoid prolonged skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

Respiratory Protection: None needed for normal use with adequate ventilation.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Appropriate Engineering Controls: Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

Personal Protection:

Eye Protection: Safety goggles recommended where eye contact is possible.

Skin Protection: Wear chemical resistant gloves.

Respiratory Protection: None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Work/Hygiene Practices: Wash with soap and water after handling.

9. Physical and Chemical Properties

Appearance and properties: Aerosol

PH value: 5.0-6.0

Melting point (°C): N/A Relative density (water = 1): 0.7-0.8

Boiling point (°C): N/A Relative vapor density (air = 1): N/A

Flash point (°C): <0

Explosiveness: Generally will not explode, but the spray mixed with air and open flame can cause explosion, and the product can cause explosion when heated or at high temperature

Solubility: Insoluble in water

10. Stability and Reactivity

Reactivity	Not reactive under normal conditions
Chemical Stability	Stable
Possibility of Hazardous Reactions	May react with strong oxidizers generating heat.
Conditions to Avoid	Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.
Incompatible Materials	Strong acids, alkalis, and oxidizers.
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide, oxides of nitrogen and sulfur, smoke fumes, and unburned hydrocarbons.

11. Toxicological Information

There is no data Available on the product itself.



12. Ecological Information

There is no data available on the product itself.

13. Disposal Considerations

If this product becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste (D001). However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Do not puncture or incinerate containers, even empty. Dispose in accordance with federal, state, and local regulations.

14. Transportation Information

Shipping label



Marine pollutants	None
UN Dangerous Goods Number (UN No.)	1950
United Nations correct shipping name	AEROSOL
Main hazard categories for transportation	2.1
Transport minor hazard category	None
Packing category	For packing requirements, please refer to the packing specification corresponding to the UN number

15. Regulatory information

US Federal regulations: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

International regulations: No additional information available

16. Other Information:

It is Company Policy to maintain the most accurate and up to date information possible, and Shenzhen sunrise new energy co., ltd aims to review these Data regularly. The information contained herein is based on data considered accurate and reliable to the best of our knowledge as of the date issued and subsequently made available from Shenzhen sunrise new energy co., ltd However, no warranty is expressed or implied regarding the accuracy of these Data or the results to be obtained from the use hereof. Persons using these Data are urged by Shenzhen sunrise new energy co., ltd to satisfy themselves that these Data are the latest available from Shenzhen sunrise new energy co., ltd and remain current and suitable for particular applications after intervening periods of time. Shenzhen sunrise new energy co., ltd assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such users or vendees assume all risks associated with the use of the material.