

# Material Safety Data Sheet

By GB/T 16483-2008, GB/T 17519-2013

Product code: ASPJV-1511

Version: 0

Replaced date: None

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Anti-rust oil PSA-005

SUPPLIER: NCHHY (China)

No. 37, 2<sup>nd</sup> Life Road, Dalian Economic & Technical Development Zone 116620

Emergency Telephone: +86 411 39215500

## SECTION 2: Hazards identification

Emergency Overview

Transparent, liquid, strong od

non-toxic

GHS-classification

Physical hazards

Flammable liquid rate 4

Health hazards

Acute toxicity – Swallowed Inhaling rate 5

Acute toxicity – Skin contact rate 5

Acute toxicity – Eye contact rate 5

Acute toxicity –Respiratory Inhaling (gas) rate 4

Acute toxicity –Respiratory Inhaling (dust) rate 4

Environment hazard statement

Label element



Alert word: Warning

Hazard statement

H227 - Flammable liquid

H332 - Harmful inhalation

### Section 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Flammable. Irritating to eyes, respiratory system and skin. The toxicological properties of this material have not been fully investigated.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation. Substance is readily absorbed through the skin.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. Vapors may cause dizziness or suffocation.

Chronic: No information found.

### SECTION 3: Composition/information on ingredients

Mixture

Main components

Pure chemicals: not applicable

Mixture

CAS#	Chemical Name	Content %
25619-56-1	BARIUM DINONYLNAPHTHALENESULFONATE	1-30
8042-47-5	Hydrocarbon oils	1-20

### SECTION 4: First aid measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Antidote: None reported.

## Section 5 - FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air.

Vapors can travel to a source of ignition and flash back. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Will burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Flammable liquid and vapor.

Extinguishing Media:

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water.

## Section 6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors.

## Section 7 - HANDLING and STORAGE

### Handling:

Wash thoroughly after handling. Use with adequate ventilation.

Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

### Storage:

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Flammables-area.

## Section 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

### Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 18172-67-3: Personal Protective Equipment Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

CAS#	Chemical Name	China	ACGIH TLV
25619-56-1	BARIUM DINONYLNAPHTHALENESULFONATE	--	TWA: 0.5 mg/m3

### Skin:

Wear appropriate protective gloves to prevent skin exposure.

### Clothing:

Wear appropriate protective clothing to prevent skin exposure.

### Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: clear - brown

Odor: Strong.

pH: Not available.

Vapor Pressure: Not available.

Viscosity: 4.0mm<sup>2</sup>/s.

Boiling Point: 210-260 Celsius

Freezing/Melting Point: Not available

Autoignition Temperature: Not available.

Flash Point: 70 Celsius (158 Fahrenheit)

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature:

Solubility in water: soluble in alcohol, chloroform and ether

Specific Gravity/Density: 0.850

## Section 10 - STABILITY AND REACTIVITY

### Chemical Stability:

Stable under normal temperatures and pressures.

### Conditions to Avoid:

Incompatible materials, ignition sources, excess heat, strong oxidants.

### Incompatibilities with Other Materials:

Oxidizing agents.

### Hazardous Decomposition Products:

Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

#### Section 11 - TOXICOLOGICAL INFORMATION

Not available.

#### Section 12 - ECOLOGICAL INFORMATION

#### Section 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

#### Section 14 - TRANSPORT INFORMATION

#### Section 15 - REGULATORY INFORMATION

Chemical safety management of dangerous goods ordinance (1987 promulgated by the state council on February 17, dangerous chemicals), the detailed rules for the implementation of the safety management regulations of labor [(1992), 03] workplace safety using chemicals (labor department is sent [1996]) and other laws and regulations, 423