

MATERIAL SAFETY DATA SHEET

Product Name : Anti Rust Oil

Applicant : Ningbo Rotchi Business Co., Ltd.

Address : Room No.503, Guangboguomao Building, No.1357 Road
Yinxiandadao, Yinzhou, Ningbo, Zhejiang, 315100,
China

Signed by Shanghai Outao Testing Technology Service Co., Ltd

Written by :



Date: August 24th, 2020

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

1.1 Product identifier	
Product name	Anti Rust Oil
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Relevant identified uses	Anti-rust oil
Area of application	Industrial use only.
1.3 Details of the supplier of the SDS	
Company name	Ningbo Rotchi Business Co., Ltd.
Address	Room No.503, Guangboguomao Building, No.1357 Road Yinxiandadao, Yinzhou, Ningbo, Zhejiang, 315100, China
Tel	+86-574-83095803
Fax	+86-574-83086869
Website	www.rotchi.com
Email	sales01@rotchi.com
1.4 Emergency telephone number	
Call the emergency number (with hours of operation):	+86-574-83086869 9 h - 17 h (Monday - Friday)

Section 2 – Hazards Identification

GHS Classification	NOT HAZARDOUS
GHS Label Elements	No symbol
Symbol(s)	
Signal Words	No signal word
Hazard Statement	PHYSICAL HAZARDS: Not classified as a physical hazard under GHS criteria. HEALTH HAZARDS: Not classified as a health hazard under GHS criteria. ENVIRONMENTAL HAZARDS: Not classified as an environmental hazard under GHS criteria.
GHS Precautionary Statements	
Prevention	No precautionary phrases.
Response	P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331: Do NOT induce vomiting.
Storage	P405: Store locked up.
Disposal	P501: Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.
Other Hazards which do not result in classification	Not classified as flammable but will burn. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis. Used oil may contain harmful impurities.

Section 3 – Composition/Information on Ingredient

Substance / Mixture	Mixture				
Composition	CAS No.	EINECS	Weight	GHS classification	
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Tel: +86-21-51078336					
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Web: www.pct-ce.com					

Barium Petroleum Sulfonate	70984-10-0	Not assigned	40%	No classification
Refined Lanolin	8006-54-0	Not assigned	15%	No classification
Environmentally friendly solvent	8042-7-5	Not assigned	10%	No classification
Sodium Petroleum Sulfonate	68608-26-4	271-781-5	3%	No classification
Base oil	8002-05-9	Not assigned	32%	No classification

Section 4 – First Aid Measures

4.1 Description of first aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	No specific symptoms noted
Skin contact	Dry skin, Redness
Eye contact	No specific symptoms noted
Ingestion	No specific symptoms noted
Over-exposure signs/symptoms	Not available.

4.3 Indication of the immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Section 5 – Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media	Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	Not easily combustible.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide

5.3 Advice for fire-fighters

Specific methods	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ignition sources if safe to do so.
Special protective equipment for firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece

operated in positive pressure mode.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

6.2 Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers.

6.3 Methods and materials for containment and cleaning up

Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust). In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

Section 7 – Handling and Storage

7.1 Precautions for safe handling

Technical measures

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapour or mist. Wash hands and face thoroughly after handling. Use a ventilation, local exhaust if vapour or aerosol will be generated.

Advice on safe handling

Avoid contact with skin, eyes and clothing. Confirm in advance if peroxides exist when operations involving heating such as distillation are carried out.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents. Comply with laws.

Packaging material

7.3 Specific end use(s)

The identified uses for this product are detailed in section 1.2.

Section 8 – Exposure Controls, Personal Protection

8.1 Control parameters

Occupational exposure limits values

No data available

8.2 Exposure controls

Appropriate engineering controls:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Personal protective equipment
Respiratory protection**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Hand protection
Eye / Face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin and body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 9 – Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical appearance(20°C)	Light yellow, Transparent, Liquid,
Odor	No data available
Odor threshold	No data available
pH	No data available
Boiling point/range	290 to 330 °C
Melting point/range	-18 to -21 °C
Flash Point	218 to 222 °C
Explosion Limits	
Lower	7%
Upper	18%
Autoignition Temperature	300 °C
Vapour Pressure	No data available
Vapour Density	No data available
Density	0.81 g/m ³
Solubility	
Water	Insoluble in water
Other solvents	Soluble in organic solvents such as hydrocarbons, ketones and esters

9.2 Other information

Other physical-chemical data were not identified

Section 10 – Stability and Reactivity

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical Stability

This product is stable.

10.3 Possibility of hazardous reactions

Stable under recommended storage conditions.

10.4 Conditions to avoid

Avoid all possible sources of ignition (spark or flame), Excessive heat.

10.5 Incompatible materials

Strong oxidizing agents, strong mineral acids.

10.6 Hazardous decomposition products

Carbon monoxide, Carbon dioxide

Section 11 – Toxicological Information

Information given is based on data on the components and the toxicology of similar products.

11.1 Information on toxicological effects

Acute toxicity	No data available
Skin Irritation / Corrosion	No data available
Serious eye damage/irritation	No data available
Sensitisation	No data available
Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Teratogenicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available
Information on the likely routes of exposure	Inhale, skin contact, ingest

11.2 Potential acute health effects

Eye contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

11.3 Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

11.4 Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure	
Potential immediate effects	No known significant effects or critical hazards
Potential delayed effects	No known significant effects or critical hazards
Long term exposure	
Potential immediate effects	No known significant effects or critical hazards
Potential delayed effects	No known significant effects or critical hazards
Potential chronic health effects	
General	No known significant effects or critical hazards
Garcinogenicity	No known significant effects or critical hazards
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards

Developmental effects
 Fertility effects

 No known significant effects or critical hazards
 No known significant effects or critical hazards

11.5 Numerical measures of toxicity
Acute toxicity estimates No data available

Section 12 – Ecological Information
12.1 Ecotoxicity

No data available

12.2 Persistence/ degradability

No data available

12.3 Bioaccumulative potential (BCF)

No data available

12.4 Mobility in soil

No data available

12.5 Result of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

Section 13 – Disposal Considerations
13.1 Waste treatment methods

Comply with Federal, State, and local regulations.

13.2 Material Disposal

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.

13.3 Container Disposal

Dispose in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.

13.4 Local Legislation

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Section 14 – Transport Information

	UN	China	IMDG	IATA
UN number	Not regulated	Not regulated	Not regulated	Not regulated
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No	No	No	No
Special precautions for user	Not available	Not available	Not available	Not available
Additional information	-	-	-	-

Section 15 – Regulatory Information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulation

Authorisations

No information available.

Restrictions on use

No information available

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EINECS
DSD (67/548/EEC)

All the ingredients are listed in the inventory
All the ingredients are listed in the inventory

Other chemical regulation

USA - TSCA
Canada - DSL
Australia - AICS
Korea - ECL
Japan - ENCS
China - IECSC

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15.2 Chemical Safety Assessment

The substance has undergone any safety assessment.

Section 16 – Additional Information

MSDS Creation Date: August 24th, 2020

This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

PRODUCT PHOTO



END OF REPORT

