

JQI-SDS-5156-0-GHS
 Product: DEPOSIT CLEANER DIESEL

1. IDENTIFICATION

Trade name **DEPOSIT CLEANER DIESEL**

Manufacturer

Company Name	ENEOS Trading Company Limited
Address	1-3-13, Nihonbashi, Chuo-ku, Tokyo, 103-0027, Japan
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Department In Charge	Product Planning Department

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2. HAZARDS IDENTIFICATION

GHS classification

PHYSICAL HAZARDS

Explosives	Not classified
Flammable gases	Not classified
Flammable aerosols	Not classified
Oxidizing gases	Not classified
Gases under pressure	Not classified
Flammable liquids	Category 4
Flammable solids	Not classified
Self-reactive substances and mixtures	Classification not possible
Pyrophoric liquids	Not classified
Pyrophoric solids	Not classified
Self-heating substances and mixtures	Classification not possible
Substance and mixtures which, in contact with water, emits flammable liquids	Classification not possible
Oxidizing liquids	Classification not possible
Oxidizing solids	Not classified
Organic peroxides	Not classified
Corrosive to metals	Classification not possible
Desensitized explosives	Classification not possible

HEALTH HAZARDS

Acute toxicity (Oral)	Category 5
Acute toxicity (Dermal)	Category 5
Acute toxicity (Inhalation: gas)	Not classified
Acute toxicity (Inhalation: Vapor)	Classification not possible
Acute toxicity (Inhalation: Dust)	Not classified
Acute toxicity (Inhalation: Mist)	Classification not possible
Skin corrosion / irritation	Category 2
Serious eye damage / eye irritation	Category 2
Sensitization - respiratory	Classification not possible
Sensitization - skin	Classification not possible
Germ cell mutagenicity	Classification not possible
Carcinogenicity	Classification not possible

JQI-SDS-5156-0-GHS
 Product: DEPOSIT CLEANER DIESEL

Reproductive toxicity	Category 2
Specific target organ toxicity- Single exposure	Not classified
Specific target organ toxicity- Repeated exposure	Classification not possible
Aspiration hazard	Category 1

ENVIRONMENTAL HAZARDS

Hazardous to the aquatic environment-Short-Term (Acute) hazard	Category 3
Hazardous to the aquatic environment-Long-Term (Chronic)hazard	Category 3
Hazardous to the ozone layer	Classification not possible

Pictogram



Signal word

Danger

Hazard statements

- H227 Combustible liquid
- H303 May be harmful if swallowed
- H313 May be harmful in contact with skin
- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H361 Suspected of damaging fertility or the unborn child
- H304 May be fatal if swallowed and enters airways
- H402 Harmful to aquatic life
- H412 Harmful to aquatic life with long lasting effects

Precautionary statement

[Prevention]

- P210 Keep away from flames and hot surfaces. No smoking.
- P280 Wear protective gloves / eye protection / face protection.
- P264 Wash hands thoroughly after handling.
- P202 Do not handle until all safety precautions have been read and understood.
- P273 Avoid release to the environment.

[Response]

- P370+P378 In the case of fire: Use carbon dioxide / powder extinguishant / sprinkling for fire extinguishing. The water jet is dangerous for firefighting.
- P301+P312 IF SWALLOWED: Call a POISON CENTER / doctor / physician if you feel unwell.
- P302+P312 IF ON SKIN:Call a POISON CENTER / doctor / physician if you feel unwell.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P332+P313 IF skin irritation occurs: Get medical advice / attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water more than 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

JQI-SDS-5156-0-GHS
Product: DEPOSIT CLEANER DIESEL

Suitable extinguishing media:
CO₂, dry chemical, or foam.

Water can be used to cool and protect exposed material.

Unsuitable extinguishing media:
Water jet for safety reasons

Firefighting Procedures:
Wear full protective fire-fighting gear including self-containing breathing apparatus operated in the positive pressure mode with full-face coat, pants, gloves and boots. Water may cause splattering.

Unusual Fire & Explosion Hazards:
Toxic fumes, gases or vapors may evolve on burning.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Personal protective equipment must be worn, see Personal Protection Section for Personal protective equipment recommendations.
Ventilate area if spilled in confined space or other poorly ventilated areas.

Environmental precautions:
Contain contaminated water / firefighting water. Do not discharge into drains / surface waters / groundwater.

Methods for cleaning up or taking up:
For large amounts: Pump off product.
For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

7. HANDLING AND STORAGE

Handling:
No special measures necessary provided product is used correctly

DO NOT handle, store or open near an open flame, sources of heat or sources of ignition.
Take precautionary measures against static discharges.

Keep containers closed when not in use.
Do not discharge into drains or the environment, dispose to an authorized waste collection point.
Use appropriate containment to avoid environmental contamination.
Wash thoroughly after handling.

Storage:
Store in a cool place.
Protect from direct sunlight.
Keep out of reach of children.

JQI-SDS-5156-0-GHS
Product: DEPOSIT CLEANER DIESEL

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls

Other Exposure Limits:

See Hazardous Ingredients Section for any applicable exposure limits for components.

Ventilation Procedures:

Use local exhaust ventilation to control mists or vapors.

Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.

Personal Protective equipment

Hand protection:

Chemical resistant protective gloves (EN 374)

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

fluoroelastomer (FKM) - 0.7 mm coating thickness

Polyethylene-Laminate (PE laminate) - ca. 0.1 mm coating thickness

Suitable materials short-term contact and / or splashes (recommended: At least protective index 2, corresponding > 30 minutes of permeation time according to EN 374)

nitrile rubber (NBR) - 0.4 mm coating thickness

Manufacturer's directions for use should be observed because of great diversity of types.

Eye Protection:

Safety glasses with side-shields (frame goggles) (EN 166)

Respiratory Protection:

Respiratory protection in case of vapor / aerosol release.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to DIN-EN 465).

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is required additionally to the stated personal protection equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Color	: Brown, clear
Odour	: Petroleum solvent odor
Melting point / freezing point	: No data available
Boiling point or initial boiling point and boiling range	: No data available
Flammability	: No data available
Lower and upper explosion limit/ flammability limit	: No data available
Flash point	: 71 degrees Celsius
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: No data available
Kinematic Viscosity	: 3.2 mm ² /s

JQI-SDS-5156-0-GHS
Product: DEPOSIT CLEANER DIESEL

Solubility	: Insoluble
Partition coefficient:n-octanol /water(log value)	: No data available
Vapour pressure	: No data available
Density and/or relative density	: 0.82 g/cm ³ (15 degrees Celsius)
Relative vapour density	: No data available
Particle characteristics.	: Not applicable

10. STABILITY AND REACTIVITY

Stability:

Material is normally stable at moderately elevated temperatures and pressures.

Decomposition Temperature:

Not determined.

Incompatibility:

Strong acids. Strong oxidizing agents.

Polymerization:

Will not occur.

Thermal Decomposition:

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Ammonia may be formed on burning in limited air supply. Propylamine, polyalkylene glycol, and aliphatic alcohols may also be released.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (Oral) : Category 5 (5000mg/kg \geq ATEmix > 2000mg/kg)

Acute toxicity (Dermal) : Category 5 (5000mg/kg \geq ATEmix > 2000mg/kg)

Acute toxicity (Gases, Vapours, Dusts and Mists)

: Not classified or Classification not possible

Skin corrosion / irritation : Category 2 (Ingredients classified as a Category 2 > 10%)

Serious eye damage / eye irritation

: Category 2 (Ingredients classified as a Category 2 > 10%)

Sensitization - respiratory : Classification not possible

Sensitization - skin : Classification not possible

Germ cell mutagenicity : Classification not possible

Carcinogenicity : Classification not possible

Reproductive toxicity : Classification not possible

Specific target organ toxicity-Single exposure

: Not classified (Ingredients classified as a Category 3 < 20%)

Specific target organ toxicity-Repeated exposure

: Classification not possible

Aspiration hazard

: Category 1 (Ingredients classified as a Category 1 \geq 10%, and kinematic viscosity at 40 degrees Celsius \leq 20.5 mm²/s.)

12. ECOLOGICAL INFORMATION

JQI-SDS-5156-0-GHS
Product: DEPOSIT CLEANER DIESEL

Hazardous to the aquatic environment-Short-Term (Acute) hazard

: Category 3 ((M x 100 x Acute 1) + (M x 10 x Acute 2) + Acute3 ≥ 25%)

Hazardous to the aquatic environment-Long-Term (Chronic) hazard

: Category 3 ((M x 10 x Chronic 1) + (M x 10 x Chronic 2) + Chronic3 ≥ 25%)

Hazardous to the ozone layer

: Classification not possible

13. DISPOSAL CONSIDERATIONS

Must be dumped or incinerated in accordance with local regulations.

Contaminated packaging:

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. TRANSPORT INFORMATION

Land and inland navigation transport (ADR / RID)

UN No. Not applicable

Marine transport (IMDG)

UN No. Not applicable

Marine Pollutant Not applicable

Air transport (ICAO / IATA)

UN No. Not applicable

15. REGULATORY INFORMATION

Please follow all regulations in your country.

16. OTHER INFORMATION

Especially nothing

NOTES

Although written contents are created based on data and the information, which have been obtained at present, they do not make what kind of guarantee about the data of a publication, or evaluation. Moreover, since the items mentioned are aimed at the usual handling, in carrying out special handling, please deal with it after implementing the safety measures, which were newly suitable for a use and usage.