

Product name	EXX-WASH™ 270S	SDS Number:	1168680_13744595
Date of revision	30 July 2025	Version	3
First issue date	26 February 2024		

SAFETY DATA SHEET

EXX-WASH™ 270S

Section 1. Identification

Product name	: EXX-WASH™ 270S
Product description	: Aromatic Hydrocarbon
<u>Relevant identified uses of the substance or mixture and uses advised against</u>	
Identified uses	: Feedstock, Solvent ,Wash Oil
Uses advised against	: This product is not recommended for any industrial, professional or consumer use other than the Identified Uses above.
Supplier	: EXXONMOBIL CHEMICAL SERVICES (SHANGHAI) CO., LTD Correspondence address: 1099 Zixing Road Minhang District SHANGHAI China
24 Hour Emergency Telephone	: (+86)0532-83889090 (NRCC)
Supplier General Contact	: (+86) 021-23515000
E-Mail	: sds-CN.SM@exxonmobil.com
FAX	: 86-21-23500826
Supplier	: ExxonMobil Chemical Asia Pacific (Regn. No. 52893724C) (A Division Of ExxonMobil Asia Pacific Pte Ltd - Regn. No. 196800312N) 1 HarbourFront Place #06-00 HarbourFront Tower One 098633 Singapore
Supplier General Contact	: +65 6885 8000
SDS Internet Address	: www.sds.exxonmobil.com

Section 2. Hazards identification

Classification of the substance or mixture is in accordance with national standard GB30000 series of Specification/Rules for classification and labeling of chemicals	
<u>Emergency overview</u>	
Physical state	: Liquid. [Clear]
Colour	: Dark Brown
Odour	: Aromatic
May be harmful if swallowed.	
May be fatal if swallowed and enters airways.	
Harmful if inhaled.	
May cause cancer.	
Suspected of damaging fertility or the unborn child.	
May cause damage to organs through prolonged or repeated exposure. (blood, liver, thymus)	
Very toxic to aquatic life with long lasting effects.	
IF SWALLOWED: Get emergency medical help immediately. Get medical help. IF INHALED: Get medical help. IF exposed or concerned, get medical advice. Get medical help if you feel unwell.	
Inherently biodegradable	

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Section 2. Hazards identification

Classification of the substance or mixture
: ACUTE TOXICITY (oral) - Category 5
ACUTE TOXICITY (inhalation) - Category 4
CARCINOGENICITY - Category 1B
REPRODUCTIVE TOXICITY - Category 2
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
ASPIRATION HAZARD - Category 1
SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1

GHS label elements

Hazard pictograms
:





Signal word
: Danger

Hazard statements
: H303 - May be harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H332 - Harmful if inhaled.
H350 - May cause cancer.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure. (blood, liver, thymus)
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention
: P203 - Obtain, read and follow all safety instructions before use.
P260 - Do not breathe vapour.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection.

Response
: P301 + P331, P316, P317 - IF SWALLOWED: Do NOT induce vomiting. Get emergency medical help immediately. Get medical help.
P304 + P317, P340 - IF INHALED: Get medical help. Remove person to fresh air and keep comfortable for breathing.
P318 - IF exposed or concerned, get medical advice.
P319 - Get medical help if you feel unwell.
P391 - Collect spillage.

Storage
: P405 - Store locked up.

Disposal
: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Physical and chemical hazards
: No known significant effects or critical hazards.

Health hazards
: May be harmful if swallowed. May be fatal if swallowed and enters airways. Harmful if inhaled. May cause cancer. Suspected of damaging fertility or the unborn child.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact
: No specific data.

Inhalation
: No specific data.

Skin contact
: No specific data.

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Ingestion	: Adverse symptoms may include the following: nausea or vomiting
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>	
<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Environmental hazards	: Very toxic to aquatic life with long lasting effects.
Contains	: residues (petroleum), catalytic reformer fractionator
Other hazards which do not result in classification	: None known.
Nota	: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

Section 3. Composition/information on ingredients

Substance/mixture	: Substance
Chemical name	: residues (petroleum), catalytic reformer fractionator

Ingredient name	% (w/w)	Identifiers
residues (petroleum), catalytic reformer fractionator	100	CAS: 64741-67-9
2-methylnaphthalene	7 - 12	CAS: 91-57-6
naphthalene	6 - 11	CAS: 91-20-3

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-aid measures

<u>First aid</u>	
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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Section 4. First-aid measures

- Skin contact** : Remove contaminated clothing. Dry wipe exposed skin and cleanse with waterless hand cleaner and follow by washing thoroughly with soap and water. For those providing assistance, avoid further skin contact to yourself or others. Wear impervious gloves. Launder contaminated clothing separately before reuse. Discard contaminated articles that cannot be laundered. Wash clothing before reuse. Clean shoes thoroughly before reuse. Continue to rinse for at least 10 minutes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Get medical attention.
- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Inhalation** : Harmful if inhaled.
- Skin contact** : No known significant effects or critical hazards.
- Eye contact** : No known significant effects or critical hazards.
- Ingestion** : May be harmful if swallowed. May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Eye contact** : No specific data.
- Ingestion** : Adverse symptoms may include the following:
nausea or vomiting

Indication of immediate medical attention and special treatment needed, if necessary

- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
- Notes to physician** : If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

See toxicological information (Section 11)

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Section 5. Firefighting measures

<u>Extinguishing media</u>	
Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
<u>Specific hazards arising from the chemical</u>	
	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is very toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Incomplete combustion products, Oxides of carbon, Smoke, Fume
Special protective actions for fire-fighters	: Use standard firefighting procedures and consider the hazards of other involved materials. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Assure an extended cooling down period to prevent re-ignition. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: 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

<u>NOTIFICATION PROCEDURES</u>	
In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.	
<u>Personal precautions, protective equipment and emergency procedures</u>	
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
<u>Methods and material for containment and cleaning up</u>	
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. Confine the spill immediately with booms. Remove from the

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Section 6. Accidental release measures

surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants. Warn other shipping. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Precautionary measures to prevent the occurrence of secondary disasters : Prevent entry into sewers, water courses, basements or confined areas.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

Section 7. Handling and storage

Precautions for safe handling

Precautions for operating : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not swallow. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Static Accumulator : This material is a static accumulator. A liquid is typically considered a nonconductive, static accumulator if its conductivity is below 100 pS/m (100x10E-12 Siemens per meter) and is considered a semiconductive, static accumulator if its conductivity is below 10,000 pS/m. Whether a liquid is nonconductive or semiconductive, the precautions are the same. A number of factors, for example liquid temperature, presence of contaminants, anti-static additives and filtration can greatly influence the conductivity of a liquid.

Loading/Unloading Temperature : Ambient

Transport Temperature : Ambient

Transport Pressure : Ambient

Conditions for safe storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Storage Temperature : Ambient

Storage Pressure : Ambient

Suitable Containers/Packing : Railcars, Barges, Tank Cars, Tank Trucks

Suitable Materials and Coatings : Carbon Steel, Stainless Steel

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Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
residues (petroleum), catalytic reformer fractionator	ExxonMobil (COMPANY) Absorbed through skin. TWA 8 hours: 0.1 mg/m³ (benzene solubles). Form: Total oil mist.
2-methylnaphthalene	ACGIH TLV (United States, 1/2024) Absorbed through skin. TWA 8 hours: 0.5 ppm.
naphthalene	ExxonMobil (COMPANY) Absorbed through skin. STEL 15 minutes: 28 mg/m³.
	GBZ 2.1 (China, 7/2024) Absorbed through skin. PC-TWA 8 hours: 50 mg/m³. PC-STEL 15 minutes: 75 mg/m³.
	ACGIH TLV (United States, 1/2024) Absorbed through skin. TWA 8 hours: 10 ppm.
	TWA 8 hours: 52 mg/m³.
1-methylnaphthalene	ACGIH TLV (United States, 1/2024) Absorbed through skin. TWA 8 hours: 0.5 ppm.
	ExxonMobil (COMPANY) Absorbed through skin. STEL 15 minutes: 28 mg/m³.

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

- 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.
- 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.

Individual protection measures

- Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- 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 protection**

Hand protection

: 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. > 8 hours (breakthrough time): Viton, minimum 0.71 mm thickness or comparable protective barrier material
- 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.

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Section 8. Exposure controls/personal protection

- Other skin protection** : 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.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: organic vapour (Type A) and particulate filter

Section 9. Physical and chemical properties

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance and physical state

- Physical state** : Liquid. [Clear]
- Colour** : Dark Brown
- Odour** : Aromatic
- Odour threshold** : Not available.
- pH** : Not applicable.
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : 210 to 380°C (410 to 716°F) [ASTM D1078]
- Flash point** : Closed cup: 100°C (212°F) [ASTM D-93]
- Evaporation rate** : <0.01 (butyl acetate = 1) [In-house method ,]
- Flammability** : Ignitable
- Lower and upper explosion limit/flammability limit** : Lower: 0.7% [Extrapolated]
Upper: 6%
- Vapour pressure** : 0.05 mm Hg [20 °C] [Calculated]
- Relative vapour density** : 6.4 [Air = 1] [In-house method ,]
- Relative density** : 0.99 [Calculated]
- Density** : 0.99 g/cm³ [0.99°C (33.8°F)] [ASTM D4052]
- Solubility in water** : Negligible
- Partition coefficient: n-octanol/water** : >4 [Estimated]
- Auto-ignition temperature** : 448°C (838.4°F) [Extrapolated]
- Decomposition temperature** : Not available.
- Viscosity** : 3.2 cSt [40 °C] [Calculated]
- Molecular weight** : 185
- Particle characteristics**
- Median particle size** : Not applicable.
- Pour point** : <-21°C [ASTM D5950]
- Hygroscopic** : No
- Coefficient of Thermal Expansion** : 0.00074 per Deg C

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Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Excessive heat.
Incompatible materials	: Strong oxidisers
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result
residues (petroleum), catalytic reformer fractionator	Rabbit - Dermal - LD50 >2000 mg/kg Rat - Oral - LD50 4320 mg/kg Rat - Inhalation - LC50 Dusts and mists 4100 mg/m³ [4 hours]
residues (petroleum), catalytic reformer fractionator naphthalene	Rat - Oral - LD50 4320 mg/kg Mouse - Oral - LD50 533 mg/kg Rat - Inhalation - LC50 Vapour >0.4 mg/l [4 hours]

Conclusion/Summary	
Inhalation	: Moderately toxic. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403
Dermal	: Minimally Toxic. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402
Oral	: Minimally Toxic. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 401

Irritation/Corrosion

Conclusion/Summary	
Skin	: May dry the skin leading to discomfort and dermatitis. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
Eyes	: May cause mild, short-lasting discomfort to eyes. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405
Respiratory	: Negligible hazard at ambient/normal handling temperatures. No end point data for material. Elevated temperatures or mechanical action may form vapours, mist, or fumes which may be irritating to the eyes, nose, throat, or lungs.

Respiratory or skin sensitization

Conclusion/Summary	
Skin	: Not expected to be a skin sensitizer. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 406

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- Respiratory** : Not expected to be a respiratory sensitizer. No end point data for material.
- Germ Cell Mutagenicity**
- Conclusion/Summary** : Not expected to be a germ cell mutagen. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 471 474 475 476 479 486
- Carcinogenicity**
- Conclusion/Summary** : May cause cancer. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 451

Classification

Product/ingredient name	IARC
residues (petroleum), catalytic reformer fractionator	2B
naphthalene	2B

Reproductive toxicity

- Conclusion/Summary** : May damage the unborn child. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 416

Specific target organ toxicity (single exposure)

- Conclusion/Summary** : Not expected to cause organ damage from a single exposure. No end point data for material.

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Target organs
residues (petroleum), catalytic reformer fractionator	Category 2	blood, liver, thymus

- Conclusion/Summary** : May cause damage to organs through prolonged or repeated exposure. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 411

Aspiration hazard

- Conclusion/Summary** : May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material. Data available.

Other information

- Contains** : NAPHTHALENE: Exposure to high concentrations of naphthalene may cause destruction of red blood cells, anemia, and cataracts. Naphthalene caused cancer in laboratory animal studies, but the relevance of these findings to humans is uncertain. Polycyclic Aromatic Compounds (PAC/PNA): Carcinogenic in animal studies. Caused mutations in-vitro. Reproductive and developmental studies resulted in decreased fetal weights, survival and malformations, as well as reduced sperm count in males. Dermal studies resulted in increased mortality, skin irritation, liver, kidney, thymus, bone marrow, blood and lymphoid tissue toxic effects. Possible allergen and/or photoallergen.
- Product** : Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Vapour/aerosol concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches, dizziness, anaesthesia, drowsiness, unconsciousness and other central nervous system effects including death. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

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Section 12. Ecological information

The information given is based on data for the material, components of the material, or for similar materials, through the application of bridging principals.

Toxicity

Product/ingredient name	Result
residues (petroleum), catalytic reformer fractionator	Acute - NOEL Algae - <i>Pseudokirchneriella subcapitata</i> 0.22 mg/l - data for similar materials [72 hours] Acute - EL50 Algae - <i>Pseudokirchneriella subcapitata</i> 7.9 mg/l - data for similar materials [72 hours] Acute - LL50 Fish - <i>Oncorhynchus mykiss</i> 3 mg/l - data for similar materials [96 hours] Acute - EL50 daphnia - <i>Daphnia magna</i> 1.1 mg/l - data for similar materials [48 hours]

Conclusion/Summary

Acute toxicity	: Very toxic to aquatic life.
Chronic toxicity	: Very toxic to aquatic life with long lasting effects.

Persistence and degradability

Product/ingredient name	Result
residues (petroleum), catalytic reformer fractionator	Ready Biodegradability <60% [28 days]

Biodegradability	: Material -- Expected to be inherently biodegradable
Hydrolysis	: Material -- Transformation due to hydrolysis not expected to be significant.
Photolysis	: Material -- Transformation due to photolysis not expected to be significant.
Atmospheric Oxidation	: Material -- Expected to degrade rapidly in air

Bioaccumulation/Accumulation

Not determined.

Mobility in soil

Mobility	: Material -- Expected to partition to sediment and wastewater solids. Moderately volatile.
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Other ecological information

Other adverse effects	: No known significant effects or critical hazards.
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Section 13. Disposal considerations

Disposal methods	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
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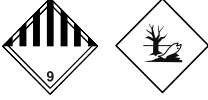
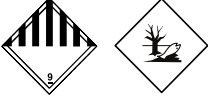
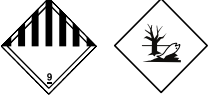
Empty Container Warning (where applicable): Empty containers may contain

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residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Section 14. Transport information

	JT/T617	IMDG	IATA
UN number	UN3082	UN3082	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (residues (petroleum), catalytic reformer fractionator, 2-methylnaphthalene)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (residues (petroleum), catalytic reformer fractionator, 2-methylnaphthalene)	Environmentally hazardous substance, liquid, n.o.s. (residues (petroleum), catalytic reformer fractionator, 2-methylnaphthalene)
Transport hazard class(es)	9	9	9
Label(s) / Mark(s)			
Packing group	III	III	III
Environmental hazards	Yes.	Yes.	Yes.

Additional information

China - JT/T617

- The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.

Tunnel code (E)

IMDG

- This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

Emergency schedules F-A, S-F

Special provisions 274, 335, 969

IATA

- This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Quantity limitation Passenger and Cargo Aircraft: 450 L. Packaging instructions: 964. Cargo Aircraft Only: 450 L. Packaging instructions: 964. Limited Quantities - Passenger Aircraft: 30 kg. Packaging instructions: Y964.

Special provisions A97, A158, A197, A215

- Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Extinguishing media

Suitable extinguishing media

- Use dry chemical, CO₂, water spray (fog) or foam.

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Section 14. Transport information

Unsuitable extinguishing media	: Do not use water jet.
Incompatible materials	: Strong oxidisers
Transport in bulk according to IMO instruments	: Not available.

Section 15. Regulatory information

The hazard classification for this material is in accordance with national standard GB30000 series of Specification/Rules for classification and labeling of chemicals

Refer to below China regulations (if applicable):

The General Rules for preparation of precautionary label for Chemicals (GB 15258-2009)
Regulations on the Safe Management of Hazardous Chemicals
Measures for the Environmental Management Registration of New Chemical Substances

<u>Inventory list</u>	
Australia inventory (AIC)	: All components are listed or exempted.
Canada inventory (DSL-NDSL)	: All components are listed or exempted.
China inventory (IECSC)	: All components are listed or exempted.
Japan inventory (CSCL)	: All components are listed or exempted.
Japan inventory (Industrial Safety and Health Act)	: Not determined.
New Zealand Inventory of Chemicals (NZIoC)	: All components are listed or exempted.
Philippines inventory (PICCS)	: All components are listed or exempted.
Korea inventory (KECI)	: All components are listed or exempted.
Taiwan Chemical Substances Inventory (TCSI)	: All components are listed or exempted.
United States inventory (TSCA 8b)	: All components are active or exempted.

Section 16. Other information

<u>History</u>	
Date of issue/Date of revision	: 30 July 2025
Date of previous issue	: 30 July 2025
Version	: 3
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations
References	: Not available.
Indicates information that has changed from previously issued version.	
Product code	: 1168680_13744595

Product name	EXX-WASH™ 270S	SDS Number:	1168680_13744595
Date of revision	30 July 2025	Version	3
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Section 16. Other information

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