

1. Product and Company Identification

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Product Name **Cooler Cleaner PWD**

Product Type **RXSOL-16-1753-025**

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

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2. Composition / Information on ingredients

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Mixtures:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Concentration: 60-100%

CAS Number: Not applicable

EC Number: 919-164-8

R/H Phrases: R65, R66 - H304, H412, EUH066

Symbols: GHS08

Categories: Asp. Tox. 1, Aquatic Chronic 3

REACH NO: 01-21194739 77-17-0004

Fatty alcohol ethoxylates:

Concentration: 1-5%

CAS Number: 160875-66-1

EC Number: Not applicable

R/H Phrases: R22, R41

Symbols: Xn, GHS05, GHS07

3. Hazards Identification

Classification of the substance or mixture:

Refer to current The Dangerous Substances Directive (67/548/EEC)

Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

Symbols: Xn, N

Harmful: may cause lung damage if swallowed (R65), Repeated exposure may cause skin dryness or cracking (R66)

Classification according to Regulation (EC) No 1272/2008

Symbols: GHS07, GHS08

Signal Word: Danger

Hazards identification (...):

- Asp. Tox. 1
- Aquatic Chronic 3
- Eye Irrit. 2

Label elements

- Signal Word: Danger
- Asp. Tox. 1
- Aquatic Chronic 3
- Eye Irrit. 2

- Contains:

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) - Fatty alcohol ethoxylates

- Hazard phrases:

May be fatal if swallowed and enters airways (H304). Repeated exposure may cause

skin dryness or cracking (EUH066). Harmful to aquatic life with long lasting effects (H412). Causes serious eye irritation (H319).

- Precautionary Phrases:

Wear protective gloves/protective clothing/eye protection/face protection (P280). Avoid breathing dust/fume/gas/mist/vapours/spray (P261). IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331). Immediately call a POISON CENTER or doctor/physician (P310).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing (P305+P351+P338). Dispose of contents/container to an authorised waste collection point (P501)

Other hazards:

- Appearance: Liquid
- Odour: Characteristic odour, Hydrocarbon odour
- Inhalation: May cause nausea/vomiting, May cause headache
- Not a PBT according to REACH Annex XIII

4. First Aid Measures

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Description of first aid measures:

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).

- Seek medical advice

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes

- If eye irritation persists: Get medical advice/attention (P337+P313).

- IF ON SKIN: Wash with plenty of soap and water (P302+P352).

- Take off contaminated clothing and wash before reuse (P362).

- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).

- Give plenty of water to drink

- Get immediate medical advice/attention (P315).

Most important symptoms and effects, both acute and delayed:

- Severely irritating to eyes
- In cases of severe exposure, breathing difficulty may develop
- In cases of severe exposure, nausea/vomiting may develop
- In cases of severe exposure, headache may develop
- The ingestion of significant quantities may cause chronic pneumonitis

Indication of any immediate medical attention and special treatment needed:

- No information available

5. Fire-fighting Measures

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Extinguishing media

- In case of fire:
use carbon dioxide or dry powder
- In case of fire:
use foam for extinction
- In case of fire:
use dry powder/BCF for

Special hazards arising from the substance or mixture

- Keep container(s) exposed to water
- May form explosive mixture
- Vapours are heavier than air and may travel considerable distance in case of ignition and flashback
- Avoid release to the environment
- Wear chemical protective clothing
- pressure breathing apparatus

Advice for firefighters

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

- Do not get in eyes, on skin or clothing (P262).
- Ensure adequate ventilation
- Wear protective clothing

Environmental Precautions

- Avoid scattering in the environment

Methods and material for containment and cleaning up

- Wear protective clothing
- Shut off all ignition sources
- Absorb spillage in earth
- Place in appropriate container
- Remove contaminated material to a safe location for subsequent disposal
- Ventilate the area and wash hands when material pick-up is complete
- See Section 13

Reference to other sections

7. Handling and Storage

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Precautions for safe handling

- Wear protective clothing
- Do not get in eyes, on skin or clothes (P262).
- Eyewash bottles should be available
- Ensure adequate ventilation

Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well-ventilated area
- Keep only in original container
- Store in a well-ventilated area (P403+P235).

Specific end use(s)

- Contact supplier for further information

8. Exposure controls and personal protection

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Control parameters

- TLV (TWA) 275 mg/m³ for alkanes, isoalkanes, cyclics, aromatics

Exposure controls

- If practicable, engineering controls should be used where airborne concentrations exceed TLV

Occupational exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection
- Wear suitable respiratory protection (organic substances).

- Wear nitrile gloves
- Penetration time of glove
The exact break through time is not provided by the manufacturer of the glove. It is observed.
- Wear goggles giving complete eye protection
- Wash hands and working clothes after use (P264).

9. Physical and chemical properties

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Information on basic physical and chemical properties:

Appearance:	Liquid, yellow
Odour:	Characteristic odour, Hydrocarbon odour
Solubility in water:	Completely soluble in water
Boiling Point/Range: Boiling point	150 °C to 230 °C at 760 mm /Hg
Density: Density	0.8 g/cm ³ at 20 deg C
Vapour Density: Vapour density (air = 1)	>1
Evaporation Rate: Evaporation rate	(Butyl acetate = 1) 0.03
Flammability: Flash point	>61 deg C (CC)
Autoflammability: Auto-ignition point	>200 deg C
Lower flammability limit	0.6%(in air),
Upper flammability limit	7.0%(in air)

Other information:

No information available

10. Stability and reactivity

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Reactivity

No hazardous reactions known for this purpose

Chemical stability

This article is considered stable

Possibility of hazardous reactions

No information available

Conditions to avoid

Avoid overheating Keep away from ignition

Incompatible materials

None

11. Toxicological information

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Information on toxicological effects

Contact with eyes

Contact with skin

Ingestion

Inhalation

- LD50 (oral,rat) (Fatty alcohol ethoxylates)
- LD50 (oral,rat) (Hydrocarbons)
- Causes severe irritation
- Prolonged skin contact will lead to irritation, and in some cases to allergic contact dermatitis.
- Repeated exposure may cause allergic sensitization (EUH066).
- May cause chronic pneumoconiosis
- May cause headache
- May cause nausea/vomiting
- May cause nausea/vomiting
- May cause dizziness, confusion

12. Ecological information

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Toxicity

Persistence and degradability

Bioaccumulation Potential

Mobility in soil

Results of PBT and vPvB assessment

Other Adverse Effects

- LC50 (fish) (Fatty alcohol ethoxylates) (96 hr)
- LC50 (fish) (Hydrocarbons)
- The components in this product are readily biodegradable.
- Hydrocarbon solvents have the potential to bioaccumulate.
- Large volumes may penetrate groundwater
- Not a PBT according to REACH
- No information available

13. Disposal considerations

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Waste treatment methods:

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point (P501)

Classification:

- EU Waste class: 07 01 04

14. Transport informationwww.rxmarine.com**Not classified as hazardous for transport:**

Not classified as hazardous for transport

UN:

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

Environmental hazards:

- Not Classified

Special precautions for user:

- Not Classified

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:

- Not applicable

Road/Rail (ADR/RID):

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

Sea (IMDG):

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

Air (ICAO/IATA):

-
- ICAO Un No.: Not applicable
 - Proper Shipping Name: Not applicable
 - ICAO Hazard Class: Not applicable
 - ICAO Packing Group: Not applicable

DOT / CFR (US Department of Transportation):

- Identification Number: Not applicable
- DOT Proper Shipping Name: Not applicable

15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
- Composition information in accordance with EC Regulation 648/2004 of the European

Parliament and of the Council of 31st March 2004 on detergents:

- Aliphatic hydrocarbons >30 %
- Nonionic surfactants