Material Safety Data Sheet

PETROLEUM ETHER 60-80C AR (RXSOL-60-6605-208)

1. Product and Company Identifaction

Product Name	RXSOL-60-6605-208
Product Type	PETROLEUM ETHER 60- 800C AR
Revised date	

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat Barka

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2. Composition / informationon ingredients

2.1. Substances : PETROLEUM ETHER 60-80°C
AR CAS-No. : 8032-32-4
Substance.
Contains no other components or impurities which will influence the classification of the product.

3. Hazards Identification

3.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Flammable liquids, H225
Category 2
Skin corrosion/irritation, H315
Category 2
Reproductive toxicity, H361
Category 2
Specific target organ toxicity — Single exposure, H336
Category 3,
Narcosis Specific target organ toxicity — Repeated exposure, H373
Category 2
Aspiration hazard, H304
Category 1
Hazardous to the aquatic
environment — Chronic
H411
Hazard, Category 2
Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Adverse physicochemical, human health and environmental effects
No additional information available
3.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to displayExtra classification(s) to display
Symbol(s) : N : Dangerous for the environment
Xn: Harmful
Highly flammable
R Phrase(s) : R11: Highly flammable.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated Exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase(s) : S9: keep container in a well ventilated place.
S16: Keep away from source of ignition-No smoking.
S23: Do not breath gas/fumes/vapour/spray (Appropriate wording to be specified by the manufacturer).
S24: Avoid contact with skin.
S33: Take precautionary measures against static discharges.
S61: avoid release to the environment . refer to special instruction/safety data sheets.
S62: if swallowed, do not induce vomiting ; seek medical advice immediately and show this container or label.
Hazard pictograms

Signal word : Danger
Hazard statements : H225 - Highly flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure
. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 - Avoid breathing vapours, gas, fume, dust.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, face protection, eye protection.
P301+P310 - IF SWALLOWED: Immediately call a doctor.
P331 - Do NOT induce vomiting.
3.3. Other hazards
No additional information available

4. First Aid Measures

4.1. Description of first aid measures
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact : Wash with plenty of water/…. Wash contaminated clothing before reuse. Get medical advice/attention.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
First-aid measures after ingestion : Immediately call a POISON CENTER/doctor. Rinse mouth. Do not induce vomiting.
4.2. Most important symptoms and effects, both acute and delayed
Symptoms/effects : May cause genetic defects. May cause cancer. Causes damage to organs.
Symptoms/effects after inhalation : May cause drowsiness or dizziness.
Symptoms/effects after skin contact : Causes skin irritation.
Symptoms/effects after ingestion : May be fatal if swallowed and enters airways.
4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically

5. Fire-fighting Measures

5.1. Extinguishing media
Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray.
Unsuitable extinguishing media : Do not use extinguishing media containing water.
5.2. Special hazards arising from the substance or mixture
Fire hazard : Highly flammable liquid and vapour.
Explosion hazard : May form flammable/explosive vapour-air mixture.
5.3. Advice for firefighters
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
6.1.1. For non-emergency personnel
Emergency procedures : Evacuate unnecessary personnel.
6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.
Emergency procedures : Ventilate area.
6.2. Environmental precautions
Toxic to aquatic life with long lasting effects.
6.3. Methods and material for containment and cleaning up
Methods for cleaning up : On land, sweep or shovel into suitable containers. Collect spillage.
6.4. Reference to other sections
No additional information available

7. Handling and Storage

7.1. Precautions for safe handling
Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapours. Use only outdoors or in a well-ventilated area.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, including any incompatibilities
Storage conditions : Keep in fireproof place. Keep container tightly closed.
Incompatible materials : Heat sources.
7.3. Specific end use(s)
No additional information available.

8. Exposure controls and personal protection

8.1. Control parameters
No additional information available
8.2. Exposure controls
Hand protection : Protective gloves
Eye protection : Chemical goggles or safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : Wear respiratory protection.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : 10
Melting point : No data available
Freezing point : No data available
Boiling point : 60 - 80 °C
Flash point : -26 °C
Auto-ignition temperature : 288 °C
Decomposition temperature : No data available
Flammability (solid, gas) : Flammable
Highly flammable liquid and vapour.
Vapour pressure : No data available
Relative vapour density at 20 °C : 2.5
Relative density : No data available
Density : 0.66 - 0.68 g/cm³
Solubility : Water: Insoluble in water
Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available
9.2. Other information
No additional information available

10. Stability and reactivity

10.1. Reactivity
No additional information available
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No additional information available
10.4. Conditions to avoid
Open flame. Heat. Sparks. High temperature.
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
May release flammable gases.

11. Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified
Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Suspected of damaging fertility or the unborn child.
STOT-single exposure : May cause drowsiness or dizziness.
STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard : May be fatal if swallowed and enters airways.

12. Ecological information

12.1. Toxicity
Ecology - water : Toxic to aquatic life with long lasting effects.
12.2. Persistence and degradability
Persistence and degradability May cause long-term adverse effects in the environment.
12.3. Bioaccumulative potential
No additional information available
12.4. Mobility in soil
No additional information available
12.5. Results of PBT and vPvB assessment
No additional information available
12.6. Other adverse effects
No additional information available

13. Disposal considerations

13.1. Waste treatment methods
Product/Packaging disposal
Recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Additional information : Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials : Hazardous waste due to toxicity.

14. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN
14.1. UN number
UN-No. (ADR) : 1268
UN-No. (IMDG) : 1268
UN-No. (IATA) : 1268
UN-No. (ADN) : 1268
UN-No. (RID) : 1268
14.2. UN proper shipping name
Proper Shipping Name (ADR) : PETROLEUM DISTILLATES, N.O.S.
Proper Shipping Name (IMDG) : PETROLEUM DISTILLATES, N.O.S.
Proper Shipping Name (IATA) : Petroleum distillates, n.o.s.
Proper Shipping Name (ADN) : PETROLEUM DISTILLATES, N.O.S.

Proper Shipping Name (RID) : PETROLEUM DISTILLATES, N.O.S.
Transport document description (ADR) : UN 1268 PETROLEUM DISTILLATES,
N.O.S., 3, II, (D/E), ENVIRONMENTALLY
HAZARDOUS
Transport document description (IMDG) : UN 1268 PETROLEUM DISTILLATES,
N.O.S., 3, II, MARINE
POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA) : UN 1268 Petroleum distillates, n.o.s., 3, II,
ENVIRONMENTALLY HAZARDOUS
Transport document description (ADN) : UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, II, ENVIRONMENTALLY HAZARDOUS
Transport document description (RID) : UN 1268 PETROLEUM DISTILLATES,
N.O.S., 3, II, ENVIRONMENTALLY
HAZARDOUS
14.3. Transport hazard class(es)
ADR- Transport hazard class(es) (ADR) : 3
Danger labels (ADR) : 3
IMDG- Transport hazard class(es) (IMDG) : 3
Danger labels (IMDG) : 3
IATA- Transport hazard class(es) (IATA) : 3
Hazard labels (IATA) : 3
AND- Transport hazard class(es) (ADN) : 3
Danger labels (ADN) : 3
RID- Transport hazard class(es) (RID) : 3
Danger labels (RID) : 3
14.4. Packing group
Packing group (ADR) : II
Packing group (IMDG) : II
Packing group (IATA) : II
Packing group (ADN) : II
Packing group (RID) : II
14.5. Environmental hazards
Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available
14.6. Special precautions for user
Overland transport- Classification code (ADR) : F1
Special provisions (ADR) : 640C, 664
Limited quantities (ADR) : 1l
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P001
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T7
Portable tank and bulk container special provisions (ADR) : TP1, TP8, TP28
Tank code (ADR) : L1.5BN
Vehicle for tank carriage : FL
Transport category (ADR) : 2
Special provisions for carriage – Operation (ADR) : S2, S20
Hazard identification number (Kemler No.) : 33
Orange plates :
Tunnel restriction code (ADR) : D/E
EAC code : 3YE
Transport by sea- Limited quantities (IMDG) : 1 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T7
Tank special provisions (IMDG) : TP1, TP8, TP28
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Stowage category (IMDG) : B
Properties and observations (IMDG) : Immiscible with water.
MFAG-No : 128
Air transport- PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y341
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 353
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 364
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 3H
Inland waterway transport- Classification code (ADN) : F1
Special provisions (ADN) : 640C
Limited quantities (ADN) : 1 L
Excepted quantities (ADN) : E2
Carriage permitted (ADN) : T

Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 1
Rail transport- Classification code (RID) : F1
Special provisions (RID) : 640C
Limited quantities (RID) : 1L
Excepted quantities (RID) : E2
Packing instructions (RID) : P001
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T7
Portable tank and bulk container special provisions (RID) : TP1, TP8, TP28
Tank codes for RID tanks (RID) : L1.5BN
Transport category (RID) : 2
Colis express (express parcels) (RID) : CE7
Hazard identification number (RID) : 33
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1. EU-Regulations
No REACH Annex XVII restrictions
PETROLEUM ETHER 60-80°C is not on the REACH Candidate List
PETROLEUM ETHER 60-80°C is not on the REACH Annex XIV List
15.1.2. National regulations
Germany
Reference to AwSV : Water hazard class (WGK) 3, Highly hazardous to water (Classification according to AwSV; ID No. 9162)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)
Netherlands
SZW-lijst van kankerverwekkende stoffen : PETROLEUM ETHER 60-80°C Extra Pure is listed
SZW-lijst van mutagene stoffen : PETROLEUM ETHER 60-80°C Extra Pure is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed
Denmark
Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal
15.2. Chemical safety assessment
No additional information available

16. Other information

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative
Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
Further information : None.
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