Material Safety Data Sheet

ACETOPHENONE AR (RXSOL-60-6511-001)

1. Product and Company Identifaction

Product Name	**RXSOL-60-6511-001**
Product Type	ACETOPHENONE AR
Revised date	27-04-2019

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

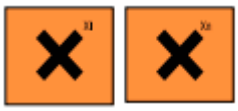
Phone	+91 22 27815541 / 42
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Email	**mail@rxmarine.com**

2. Composition / informationon ingredients

Substance: ACETOPHENONE AR
CAS No: 98-86-2
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]
Acute toxicity (oral), H302
Category 4
Serious eye damage/eye H319
irritation, Category 2
Full text of classification categories and H statements : see section 16
Classification according to Directive 67/548/EEC or 1999/45/EC
Xn; R22
Xi; R36
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) : Xi : Irritation
Xn: Harmful



R Phrase(s) : R22 : Harmful if swallowed.
R36 : Irritating to eyes.
S Phrase(s) : S26: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advise.



Signal word : Warning
Hazard statements : H302 - Harmful if swallowed
H319 - Causes serious eye irritation
Precautionary statements : P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

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. Give oxygen or
artificial respiration if necessary. If you feel unwell, seek medical advice.

First-aid measures after skin contact : Take off contaminated clothing. Wash skin with plenty of water. If skin irritation
occurs: Get medical advice/attention.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously
with water for several minutes. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. If you feel unwell, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : Harmful if swallowed.

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 : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO_2).

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

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 : Stop release.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills
with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

No additional information available

7. Handling and Storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash ... thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Store in a dry place.

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 appropriate mask

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) : No data available
Melting point : 19 - 20
Freezing point : No data available
Boiling point : 202 °C
Flash point : 76 °C
Auto-ignition temperature : 5710 °C
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : 1 hPa at 20 °C
Relative vapour density at 20 °C : 4.1
Relative density : No data available
Density : 1.03 g/cm³
Solubility : Water: Slightly soluble in water
Log Pow : 1.6
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : 0.014 - 0.052 vol %
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
Direct sunlight. Overheating. Open flame. Heat. Sparks.
10.5. Incompatible materials
No additional information available
10.6. Hazardous decomposition products
No additional information available

11. Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Oral: Harmful if swallowed.
Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Potential adverse human health effects and symptoms : Harmful if swallowed

12. Ecological information

12.1. Toxicity
No additional information available
12.2. Persistence and degradability
No additional information available
12.3. Bioaccumulative potential
Log Pow 1.6
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 ..

14. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN
14.1. UN number
UN-No. (ADR) : 3334
UN-No. (IMDG) : 3334
UN-No.(IATA) : 3334
UN-No.(ADN) : 3334
UN-No. (RID) : 3334
14.2. UN proper shipping name
Proper Shipping Name (ADR) : aviation regulated liquid, n.o.s.
Proper Shipping Name (IMDG) : AVIATION REGULATED LIQUID, N.O.S.
Proper Shipping Name (IATA) : AVIATION REGULATED LIQUID, N.O.S.
Proper Shipping Name (ADN) : Aviation regulated liquid, n.o.s.
Proper Shipping Name (RID) : Aviation regulated liquid, n.o.s.
Transport document description (ADR) : UN 3334 aviation regulated liquid, n.o.s., 9
Transport document description (IMDG) : UN 3334 AVIATION REGULATED LIQUID, N.O.S., 9
Transport document description (IATA) : UN 3334 AVIATION REGULATED LIQUID, N.O.S., 9, III
Transport document description (ADN) : UN 3334 Aviation regulated liquid, n.o.s., 9
Transport document description (RID) : UN 3334 Aviation regulated liquid, n.o.s., 9
14.3. Transport hazard class(es)
ADR : Transport hazard class(es) (ADR) : 9
IMDG : Transport hazard class(es) (IMDG) : 9
Danger labels (IMDG) : 9
IATA: Transport hazard class(es) (IATA) : 9
Hazard labels (IATA) : 9
ADN: Transport hazard class(es) (ADN) : 9
RID: Transport hazard class(es) (RID) : 9
14.4. Packing group
Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : III
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable
14.5. Environmental hazards
Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available
14.6. Special precautions for user
Overland transport
Transport regulations (ADR) : Not subject
Classification code (ADR) : M11
EAC code : 2Z
Transport by sea
Special provision (IMDG) : 960
Stowage category (IMDG) : None
Air transport
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 100L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 220L
Special provision (IATA) : A27
ERG code (IATA) : 9A
Inland waterway transport
Classification code (ADN) : M11
Rail transport
Classification code (RID) : M11
Limited quantities (RID) : 0
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

Acetophenone AR is not on the REACH Candidate List

Acetophenone AR is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

AwSV/VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 2; WGK No 735)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

Denmark

Class for fire hazard : Class III-1

Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; 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

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