

1. Product and Company Identification

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Product Name FLOCCULANT 85113

Product Type RXSOL-17-3105-210

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

STOCK POINT : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah

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2. Composition / Information on ingredients

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Hazardous or Regulated Components:

Component Analysis ☐ Inventory

Component	CAS	CONCENTRATION
ALIPHATIC HYDROCARBON	254504001-5164	20-30
ALCOHOL ALKOXYLATES	254504001-5466	1.5-5
EDTA	6381-92-6	1-5
Propertitory Polymer	-----	30-35

3. Hazards Identification

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GHS Classification

Not a hazardous substance or mixture.

Precautionary statements - prevention

Wash hands thoroughly after handling.

Precautionary statements - response

Get medical advice/ attention if you feel unwell.

Storage:

Store in accordance with local regulations.

Other hazards :

Mix thoroughly before use. If swallowed a jelly mass may form which in digestion may cause blockage. Water in contact with the product will cause slippery floor conditions.

4. First Aid Measures

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In case of eye contact :

Rinse with plenty of water. Get medical attention if symptoms occur.

In case of skin contact :

Wash off with soap and plenty of water. Get medical attention if symptoms occur.

If swallowed:

Rinse mouth. Get medical attention if symptoms occur.

If inhaled:

Get medical attention if symptoms occur.

Protection of first-aiders :

In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to Physician

Treat symptomatically. If swallowed a jelly mass may form which in digestion may cause blockage.

Most important symptoms and effects, both acute and delayed :

See Section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting Measures

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Suitable extinguishing media :

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

Do not use water unless flooding amounts are available.

Specific hazards during firefighting :

Not flammable or combustible.

Hazardous combustion products :

Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NO_x)

Special protective equipment for firefighters :

Use personal protective equipment.

Specific extinguishing methods :

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures:

Spills of this product are very slippery. Refer to protective measures listed in sections 7 and 8.

Environmental precautions :

No special environmental precautions required.

Methods and materials for containment and cleaning up :

Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. Handling and Storage

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Advice on safe handling:

Stir well prior to use.

Conditions for safe storage:

Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers. Store separately from oxidizers.

Suitable material:

The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use., Stainless steel, Polyethylene.

Unsuitable material:

Not determined

8. Exposure controls and personal protection

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Components with workplace control parameters :

Exposure guidelines have not been established for this product. Available exposure limits for the substance(s) are shown below.

Components	CAS No.	Form of exposure Permissible	Concentration	Basis
Hydrotreated Light Distillate	64742-47-8	TWA (Mist)	5 mg/m ³	AU OEL
Hydrotreated Light Distillate	64742-47-8	TWA (Mist)	5 mg/m ³	NZ OEL
		WES-STEL (Mist)	10 mg/m ³	NZ OEL

Hydrotreated Light Distillate	64742-47-8	TWA	500 ppm 2,000 mg/m ³	OSHA Z1
		TWA	200 mg/m ³ (as total hydrocarbon vapor)	ACGIH
		TWA (Mist)	5 mg/m ³	OSHA Z1
		TWA (Mist)	5 mg/m ³	NIOSH REL
		STEL (Mist)	10 mg/m ³	NIOSH REL

Engineering Measure

Personal Protection

Respiratory protection:

Hygiene measures:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Eye protection : Safety glasses

Hand protection : Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Wear suitable protective clothing.

No personal respiratory protective equipment normally required.

Wash hands before breaks and immediately after handling the product.



Gloves Suit

9. Physical and chemical properties

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Appearance :

Colour:

Odour:

Flash Point

pH:

Odour Threshold :

Melting Point:

Boiling Point:

Evaporation Rate:

Flammability (solid, gas):

Explosive limits upper:

Explosive limits Lower:

Vapour pressure:

Relative Vapour Density:

Relative density :

Water solubility :

Solubility in other solvents :

Partition coefficient noctanol:

Autoignition Temperature:

Thermal decomposition temperature:

Viscosity dynamic :

Emulsion

White

Hydrocarbon-like

Does not flash

9, 1 %

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

No data available

1.110 - 1.150, (22 °C)

Dispersible

No data available

No data available

No data available

No data available

400 - 1,500 mPa.s (25 °C)

Viscosity, kinematic:	No data available
Molecular Weight:	No data available
VOC :	23.0 %

10. Stability and reactivity

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Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Product is stable.
Conditions to avoid	No dangerous reaction known under conditions of normal use.
Incompatible materials	None known.
Hazardous Decomposition Products	Addition of water results in gelling. Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.
Hazardous Polymerization	Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Hazardous polymerization does not occur.

11. Toxicological information

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Potential Health Effects	Inhalation, Eye contact, Skin contact
Eyes :	Health injuries are not known or expected under normal use.
Skin :	Health injuries are not known or expected under normal use.
Ingestion :	If swallowed a jelly mass may form which in digestion may cause blockage.
Inhalation :	Health injuries are not known or expected under normal use.
Chronic Exposure :	Health injuries are not known or expected under normal use.
Experience with human exposure	
Eye contact :	No symptoms known or expected.
Skin contact :	No symptoms known or expected.
Ingestion :	No symptoms known or expected.
Inhalation :	No symptoms known or expected.
Toxicity Product	
Acute oral toxicity :	Acute toxicity estimate: > 2,000 mg/kg
Acute inhalation toxicity :	No data available
Acute dermal toxicity :	No data available
Skin corrosion/irritation :	No data available
Serious eye damage/eye irritation :	Result: Mild eye irritation
Respiratory or skin sensitization :	No data available
Carcinogenicity :	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive effects :	No toxicity to reproduction
Germ cell mutagenicity :	Contains no ingredient listed as a mutagen
Teratogenicity :	No data available
STOT - single exposure :	No data available
STOT - repeated exposure :	No data available
Human Hazard Characterization	Based on our hazard characterization, the potential human hazard is: Low

12. Ecological information

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Ecotoxicity Environmental Effects :	This product has no known ecotoxicological effects.
Toxicity to Fish	Not Available
Toxicity to daphnia and other aquatic invertebrates	No Data available.
Toxicity to algae :	No Data available.
Components	
Toxicity to fish :	Hydrotreated Light Distillate LC50 : > 1,000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates:	Hydrotreated Light Distillate EC50 : > 1,000 mg/l Exposure time: 48 h
Toxicity to algae :	Hydrotreated Light Distillate EC50 : > 1,000 mg/l Exposure time: 72 h
Toxicity to bacteria :	Hydrotreated Light Distillate > 1,000 mg/l Exposure time: 48 h
Persistence and degradability:	The organic portion of this preparation is expected to be poorly biodegradable.
Mobility	