

1. Product and Company Identifaction

www.rxmarine.com

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

Phone +91 22 27815541 / 42
Fax +91 22 2781 1318 ::AOH :0091 9322594669
Email mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

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
Properitory Polymer	-----	30-35

3. Hazards Identification

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

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 (NOx)

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

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

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	Concentratio n	Basis
Hydrotreated Light Distillate	64742-47-8	TWA (Mist)	5 mg/m3	AU OEL
Hydrotreated Light Distillate	64742-47-8	TWA (Mist)	5 mg/m3	NZ OEL
		WES-STEL (Mist)	10 mg/m3	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

www.rxmarine.com

Appearance :

Emulsion

Colour:

White

Odour:

Hydrocarbon-like

Flash Point

Does not flash

pH:

9, 1 %

Odour Threshold :

No data available

Melting Point:

No data available

Boiling Point:

No data available

Evaporation Rate:

No data available

Flammability (solid, gas):

No data available

Explosive limits upper:

No data available

Explosive limits Lower:

No data available

Vapour pressure:

No data available

Relative Vapour Density:

No data available

Relative density :

1.110 - 1.150, (22 °C)

Water solubility :

Dispersible

Solubility in other solvents :

No data available

Partition coefficient noctanol:

No data available

Autoignition Temperature:

No data available

Thermal decomposition temperature:

No data available

Viscosity dynamic :

400 - 1,500 mPa.s (25 °C)

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

10. Stability and reactivity

www.rxmarine.com

Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	None known.
Incompatible materials	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 Decomposition Products	Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx)
Hazardous Polymerization	Hazardous polymerization does not occur.

11. Toxicological information

www.rxmarine.com

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

www.rxmarine.com

Ecotoxicity Environmental Effects :

Toxicity to Fish

Toxicity to daphnia and other
aquatic invertebrates

Toxicity to algae :

Components

Toxicity to fish :

Toxicity to daphnia and other
aquatic invertebrates:

Toxicity to algae :

Toxicity to bacteria :

Persistence and degradability:

Mobility

This product has no known ecotoxicological effects.

Not Available

No Data available.

No Data available.

Hydrotreated Light Distillate
LC50 : > 1,000 mg/l
Exposure time: 96 h

Hydrotreated Light Distillate
EC50 : > 1,000 mg/l
Exposure time: 48 h

Hydrotreated Light Distillate
EC50 : > 1,000 mg/l
Exposure time: 72 h

Hydrotreated Light Distillate
> 1,000 mg/l
Exposure time: 48 h

The organic portion of this preparation is expected to be poorly
biodegradable.