

1. Product and Company Identification

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Product Name RXSOL-41-4151-005
Product Type MAG CLEANER

Company Details:

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

Phone +91 22 65113333 / 5555 / 9999
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Email mail@rxmarine.com

2. Composition / Information on ingredients

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Ingredient #	01
Ingredient Name	COMPOUND MIXTURE
CAS Number	NA
Percent	19.0
OSHA PEL	1.000 MG/M3
ACGIH TLV	1.000 MG/M3
Recommended Limit	NONE SPECIFIED
Ingredient #	02
Ingredient Name	HIGH MOLECULAR SURFACTANT
CAS Number	NA
Percent	1.6
OSHA PEL	3.000 PPM
ACGIH TLV	2.600 MG/M3
Recommended Limit	NONE SPECIFIED
Ingredient #	03
Ingredient Name	POLY(OXY-1,2-ETHANEDIYL), .ALPHA.-(NONYLPHENYL)-.OMEGA.-HYDROXY- (1.0-6.0%)
CAS Number	9016459
Percent	6.0
OSHA PEL	NR
ACGIH TLV	NR
Recommended Limit	NONE SPECIFIED

3. Hazards Identification

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Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	EYES: BURNING IRRITATION. SKIN: IRRITATION. INGESTION: TOXIC. INHALATION: HEADACHE, DIZZINESS
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NONE
Symptoms of Overexposure	EYES: BURNING IRRITATION. SKIN: IRRITATION. INGESTION: TOXIC. INGESTION: TOXIC. INHALATION: HEADACHE, DIZZINESS
Medical Cond. Aggravated by Exposure	BURNING, IRRITATION, HEADACHE, DIZZINESS
Emergency/First Aid Procedures	EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP &

WATER. INGESTION: DON'T INDUCE VOMITING. INHALATION: MOVE TO FRESH AIR.OBTAIN MEDICAL ATTENTION IN ALL CASES

4. First Aid Measures

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FIRST AID

Ocular contact	To rinse with water for at least 15 minutes by keeping the open large eyes. To consult a doctor or an ophthalmologist without delay.
Contact dermic	As soon as possible to wash the skin contaminated with tepid water during 15 minutes. To give 1 to 2 glasses water or of milk if the person is conscious.
Ingestion	Do not induce vomiting consult a doctor immediately or contact a poisons center
Inhalation	Without danger to the inhalation

5. Fire-fighting Measures

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Flash Point	212
Flash Point Method	UNK
Lower Explosion Limit	NONE
Upper Explosion Limit	NONE
Extinguishing Media	REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special Fire Fighting Procedures	WEAR SCBA WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT
Unusual Fire/Explosion Hazards	NONE

6. Accidental Release Measures

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Ocular protection	Glasses of safety.
Respiratory Protection	No measure of precaution necessary.
Derrmic protection	Protective clothing complete and boots.
Technical installation	No measure of precaution necessary.
Measurements in the event of escapes	To collect the reversed product and to put in well identified container water the residues left on the ground.
Waste disposal	To conform to the laws on the rejections of waste, local, provincial and
Handling and storage	To preserve in a container closed in a dry, fresh place with the shelter and reducing matters. To protect from freezing.

7. Handling and Storage

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Stability	YES
Stability Conditions to Avoid	DIRECT SUNLIGHT
Materials to Avoid	ALKALIES, CYANIDES, HALOGENS, STRONG ALKALIES STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS, ACID REACTS WITHMOST METALS TO RELEASE HYDROGEN

Hazardous Decomposition Products

Hazardous Polymerization
Polymerization Conditions to Avoid

GAS WHICH CAN FORM EXPLOISIVE MIXTURES WITH AIR
MAY FORM ACID VAPORS, AMMONIA, CARBON DIOXIDE AND
CARBON MONOXIDE, HYDROGEN FLOURIDE, VARIOUS
HYDROCARBONS,
NO
PRODUCT WILL NOT UNDERGO HAZARDOUS
POLYMERIZATION

8. Exposure controls and personal protection

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Respiratory Protection
Ventilation

NONE
LOCAL EXHAUST/MECHANICAL IF AVAILABLE. USE
OUTDOORS

Protective Gloves
Eye Protection
Other Protective Equipment
Work Hygenic Practices
Supplemental Health/Safety Data

RUBBER, PLASTIC
GLASSES, GOGGLES
N/K
N/K
N/K

Protect Eye
Protect Skin
Protect Respiratory
Chronic Indicator
Contact Code
Fire Code
Health Code
React Code
Specific Hazard and Precaution

YES
YES
YES
YES
SEVERE
UNKNOWN
UNKNOWN
UNKNOWN
TARGET ORGANS: GASTROINTESTINAL SYSTEM, SKELETAL
SYSTEM, BLOOD SYSTEM, LIVER, KIDNEY, CENTRAL
NERVOUS SYSTEM, CARDIOVASCULAR SYSTEM

9. Physical and chemical properties

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Appearance/Odor
Boiling Point
Melting Point
Vapor Pressure
Vapor Density
Specific Gravity
Decomposition Temperature
Evaporation Rate
Solubility in Water
Percent Volatiles by Volume
Chemical pH
Corrosion Rate
Container Pressure Code
Temperature Code
Product State Code

COLORLESS LIQUID WITH A SPICE ODOR
212 F
N/K
17.500
N/K
1.136
N/K
NK
N/K
1.0
N/K
1
4
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10. Stability and reactivity

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Chemical stability	
Incompatibility with other substances	Oxidizing matters, strongly reducing matters
Conditions of reactivity	None
Reaction of polymerization	None
Hazardous substance coming from the decomposition	Carbon dioxide

Scale in normal condition of use

11. Toxicological information

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Limit of exposure		N/D
Ways of absorption	Inhalation () Eyes (X) Skin () Ingestion (X)	
Effects of the chronic exposure to the product		
Inhalation	Without Object	
Eyes	Can cause an irritation with the eyes.	
Skin	Can cause a light irritation with the skin.	
Ingestion	Dangerous in the event of ingestion	
Carcinogenicity	None	
Teratogenicity	None	
Mutagenicity	None	
Name of the products synergistic	None	

12. Ecological information

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N/A

13. Disposal considerations

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N/A

14. Transport information

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Steps if Material Released/Spilled	SOAK UP W/INERT ABSORBANT MATERIAL. SCOOP UP & PLACE IN A PROPER WASTE DISPOSAL CONTAINER
Neutralizing Agent	N/K
Waste Disposal Method	DISPOSE IAW/LOCAL, STATE & FEDERAL REGULATIONS
Handling and Storage Precautions	STORE IN A COOL DRY PLACE, OUT OF DIRECT OF SUNLIGHT
Other Precautions	KEEP OUT OF REACH OF CHILDREN. FOLLOW DIRECTIONS ON THE CONTAINER FOR PROPER USE OF THIS PRODUCT

15. Regulatory information

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N/A

16. Other information

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N/A

Ingredient #	01
Ingredient Name	PHOSPHORIC ACID (9.0-19.0%)
CAS Number	7664382
Percent	19.0
OSHA PEL	1.000 MG/M3
ACGIH TLV	1.000 MG/M3
Recommended Limit	NONE SPECIFIED
Ingredient #	02
Ingredient Name	HYDROFLUORIC ACID
CAS Number	7664393
Percent	1.6
OSHA PEL	3.000 PPM
ACGIH TLV	2.600 MG/M3
Recommended Limit	NONE SPECIFIED
Ingredient #	03
Ingredient Name	POLY(OXY-1,2-ETHANEDIYL), .ALPHA.-(NONYLPHENYL)-.OMEGA.-HYDROXY- (1.0-6.0%)
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CAS Number	9016459
Percent	6.0
OSHA PEL	NR
ACGIH TLV	NR
Recommended Limit	NONE SPECIFIED

Appearance/Odor	COLORLESS LIQUID WITH A SPICE ODOR
Boiling Point	212 F
Melting Point	N/K
Vapor Pressure	17.500
Vapor Density	N/K
Specific Gravity	1.136
Decomposition Temperature	N/K
Evaporation Rate	
Solubility in Water	NK
Percent Volatiles by Volume	N/K
Chemical pH	1.0
Corrosion Rate	N/K
Container Pressure Code	1
Temperature Code	4
Product State Code	L

Stability	YES
Stability Conditions to Avoid	DIRECT SUNLIGHT
Materials to Avoid	ALKALIES, CYANIDES, HALOGENS, STRONG ALKALIES STRONG OXIDIZING AGENTS, STRONG REDUCING AGENTS, ACID REACTS WITH MOST METALS TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR
Hazardous Decomposition Products	MAY FORM ACID VAPORS, AMMONIA, CARBON DIOXIDE AND CARBON MONOXIDE, HYDROGEN FLUORIDE, VARIOUS HYDROCARBONS,
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	PRODUCT WILL NOT UNDERGO HAZARDOUS POLYMERIZATION