Material Safety Data Sheet

SODIUM PERSULPHATE LR (RXSOL-60-6605-554)

1. Product and Company Identifaction

Product Name	SODIUM PERSULPHATE LR
Part Number	RXSOL-60-6605-554

Company Details:

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

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2. Composition / informationon ingredients

Chemical Name	CAS	EC number	Weight	Formula
SODIUM PERSULPHATE LR	7775-27-1	231-892-1	= 100 %	Na2O8S2

3. Hazards Identification

Signal Word	Danger
Classification of the substance or mixture	Classification according to Regulation (EC) No 1272/2008 Oxidizing solids (Category 3), H272 Acute toxicity, Oral (Category 4), H302 Skin irritation (Category 2), H315 Respiratory sensitization (Category 1), H334 Skin sensitization (Category 1), H317 Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335 For the full text of the H-Statements mentioned in this Section, see Section 16
Hazard Statements	H272 May intensify fire; oxidizer. H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation.
Precautionary statement(s)	P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P302 + P352 IF ON SKIN: Wash with plenty of water.
Precautionary statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220 Keep away from clothing and other combustible materials. P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. P302 + P352 IF ON SKIN: Wash with plenty of water.
Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Prevention	P273 Avoid release to the environment.
Supplemental Hazard Statements	None
Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

4. First Aid Measures

General advice	First aiders need to protect themselves. Show this material safety data sheet to the doctor in attendance.
If inhaled	After inhalation: fresh air. Call in physician.
Eye Contact	After eye contact: rinse out with plenty of water. Remove contact lenses.
Swallowed	After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.
Skin Contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
Ingestion	Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.
Notes to Physician	Treat symptomatically
Most important symptoms and effects, both acute and delaye	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	No data available

5. Fire-fighting Measures

Flammability-NA	May be combustible at high temperature.
Flash Point-NA	Higher than 93.3°C (200°F).
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given.
Special hazards arising from the substance or mixture	Sulfur oxides Sodium oxides Not combustible. Has a fire-promoting effect due to release of oxygen. Ambient fire may liberate hazardous vapours.
Further information	Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system..
Hazardous combustion products	Fire may cause the evolution of Sulphur oxides, nitrogen oxides.
Advice for firefighters	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.
Protective Equipment	Use personal protective equipment.
Specific Hazards Arising from the Chemical	Has a fire-promoting effect due to the release of oxygen. Ambient fire may liberate hazardous vapours.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.
Spillage-NA	Oxidizing material. Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas dike if needed. Eliminate all ignition sources. Call for assistance on disposal.
Personal Protection-NA	Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders: Protective equipment see section 8.
Enviromental Precaution	Do not let product enter drains
Methods and materials for containment and cleaning	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully. Dispose of properly. Clean up affected area. Avoid generation of dusts.
Reference to other sections	For disposal see section 13.

7. Handling and Storage

Advice on safe handling	Work under hood. Do not inhale substance/mixture.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition.
Hygiene measures	Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.
Precautions for safe handling-NA	Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.
Conditions for safe storage, including any incompatibilities	Storage conditions Tightly closed. Keep locked up or in an area accessible only to qualified or authorized persons. Do not store near combustible materials.
Storage conditions-NA	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Store under inert gas.
Storage class-NA	Storage class (TRGS 510): 3: Flammable liquids
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
Handling-NA	Keep away from heat. Keep away from sources of ignition. Keep away from combustible material.. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as reducing agents, combustible materials, organic materials, metals
Advice on general occupational hygiene-NA	Advice on safe handling Observe label precautions. Change contaminated clothing. Wash hands after working with substance.

8. Exposure controls and personal protection

Derived No Effect Level (DNEL) NA

Application Area	Routes of exposure	Health effect	Value
Worker DNEL, acute	Inhalation	Local effects	700 mg/m3
Worker DNEL, acute	Inhalation	Systemic effects	700 mg/m3
Worker DNEL, acute	Inhalation	Systemic effects	700 mg/m3
Worker DNEL, acute	Dermal	Systemic effects	
Worker DNEL, acute	Inhalation	Local effects	700 mg/m3
Consumer DNEL, acute	Inhalation	Local effects	412 mg/m3
Consumer DNEL, acute	Inhalation	Systemic effects	412 mg/m3

Predicted No Effect Concentration (PNEC)-NA

Compartment	Value
Fresh water	0,207 mg/l
Fresh water sediment	3,627 mg/kg
Sea water	0,207 mg/l
Aquatic intermittent release	0,207 mg/
Sewage treatment plant	3,24 mg/l
Soil	2,99 mg/kg

Occupational Exposure limit values-NA	No data available
Biological limit values-NA	No data available
Exposure controls	Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the riskelimination area
Engineering Control-NA	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses
Body Protection	protective clothing
Skin protection-NA	This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Full contact Material: Nitrile rubber Minimum layer thickness: 0,4 mm Break through time: 480 min Material tested:Camatril® (KCL 730 / Aldrich Z677442, Size M) This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Splash contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 30 min Material tested:KCL 741 Dermatril® L.
Respiratory protection-NA	Recommended Filter type: Filter A (acc. to DIN 3181) for vapours of organic compounds The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.
Other Protection Measure-NA	Handle in accordance with good industrial hygiene and safety practice.
Control of environmental exposure	Do not let product enter drains.
Thermal hazards-NA	No data available

9. Physical and chemical properties

Physical state-NA	Liquid
Colour-NA	Colorless
Odour	odorless
Odor Threshold	Not applicable
pH	No data available
Melting Point	No data available
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	The product is not flammable.
Explosive limits	No data available
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	> 600 °C
Dynamic Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
Decomposition temperature	No data available
Vapour pressure	0,0001 hPa
Viscosity dynamic-NA	0,89 mPa.s at 25 °C
Density	No data available.
Vapour Density-NA	No Data Available
Specific Gravity-NA	No data available
Partition coefficient	Not applicable for inorganic substances
Explosive properties	No data available
Solubility-NA	52 g/l at 23,5 °C
Ignition temperature-NA	No information available.
Particle characteristics-NA	No data available
Relative vapor density	1,68 at 20 °C - Regulation (EC) No. 440/2008, Annex, A.3
Appearance	Form: crystalline Color: white
Oxidizing properties	The substance or mixture is classified as oxidizing with the category 3.
Other safety information	No data available

10. Stability and reactivity

Reactivity	No data available
Stability-NA	The product is chemically stable under standard ambient conditions (room temperature) .
Possibility of hazardous reactions	Violent reactions possible with: Reducing agents combustible substances Alcohols Strong acids Bases Heavy metal salts
Conditions to avoid	Exposure to moisture. no information available
Incompatible materials	No data available
Hazardous Polymerization	In the event of fire: see section 5
Chemical stability	The product is chemically stable under standard ambient conditions (room temperature) .

11. Toxicological information

Acute toxicity	LD50 Oral - Rat - male - 1.200 mg/kg (OECD Test Guideline 401) LC50 Inhalation - Rat - 4 h - > 5,1 mg/l (Regulation (EC) No. 440/2008, Annex, B.2) LD50 Dermal - Rat - male and female - > 2.000 mg/kg (US-EPA)
Skincorrosion/irritation	Skin - Rabbit Result: Skin irritation - 4 h (OECD Test Guideline 404)
Serious eye damage/eye irritation	Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405)
Respiratory or skin sensitization	Sensitisation test: - Guinea pig Result: positive May cause allergic respiratory and skin reactions (OECD Test Guideline 406)
Serious eye damage/eye irritation	No data available
Toxicity to Animal-NA	WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE Acute oral toxicity (LD50): 689 mg/kg [Rat].
Toxic Effects on Human-NA	May cause damage to the following organs: upper respiratory tract. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation (lung irritant, lung sensitizer).
Germ cell mutagenicity	Test Type: Ames test Test system: S. typhimurium Metabolic activation: with and without metabolic activation Result: negative Remarks: (ECHA) Test Type: Ames test Test system: E. coli Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative
Reproductive toxicity-NA	No data available
Specific target organ toxicity - single exposure	Inhalation - May cause respiratory irritation.
Special Remarks on other Toxi Effects on Humans-NA	Acute Potential Health Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reation, which becomes evident upon re-exposure to this material. Eyes: Causes eye irritation. Ingestion: Causes gastrointestinal (digestive) tract irritation with nausea, vomiting, and diarrhea. May be harmful if swallowed. Inhalation: Causes respiratory tract irritation. May cause chemical pneumonitis and pulmonary edema, inflammation, edema of bronchi and larynx. Chronic Potential Health Effects: Repeated or prolonged skin exposure may cause allergic reactions in sensitive individuals. Repeated or prolonged exposure by inhalation may affect respiration and metabolism.
Aspiration hazard	No data available
Endocrine disrupting properties-NA	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Repeated dose toxicity - Rat - male and female - Inhalation - 90 d Remarks: Subchronic toxicity RTECS: GU6300000 Central nervous system depression, Drowsiness, Irritability, Dizziness, Gastrointestinal disturbance, Lung irritation, chest pain, pulmonary edema To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. After uptake of large quantities: Unconsciousness Damage to: Lungs Other dangerous properties can not be excluded. Handle in accordance with good industrial hygiene and safety practice.

12. Ecological information

Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
Toxicity	Toxicity to fish: no data available Toxicity to daphnia and other aquatic invertebrates: no data available Toxicity to algae: no data available Toxicity to microorganisms: no data available
Bioaccumulative potential	Bioaccumulation is unlikely.
Toxicity to fish	Static test LC50 - Oncorhynchus mykiss (rainbow trout) - 76,3 mg/l - 96 h Remarks: (ECHA)
Toxicity to daphnia and other aquatic invertebrates	Static test EC50 - Daphnia magna (Water flea) - 120 mg/l - 48 h Remarks: (ECHA)
Toxicity to algae	Static test EC50 - Phaeodactylum tricornutum - 136 mg/l - 72 h (OECD Test Guideline 201)
Toxicity to bacteria-NA	Static test NOEC - activated sludge - 1.995 mg/l - 30 min (OECD Test Guideline 209)
COD and BOD 5-NA	Not Available
Products Biodegradation-NA	The methods for determining the biological degradability are not applicable to inorganic substances.

Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent,
Endocrine disrupting properties-NA	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Other adverse effects	No data available

13. Disposal considerations

Disposal methods-NA	The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
Contaminated packaging-NA	Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.
Waste treatment Method-NA	See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.
Waste treatment methods	Product See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

14. Transport information

UN number	ADR/RID: 1505 IMDG: 1505 IATA: 1505
UN proper shipping name	ADR/RID: SODIUM PERSULPHATE IMDG: SODIUM PERSULPHATE IATA: Sodium persulphate
Transport hazard class(es)	ADR/RID: 5.1 IMDG: 5.1 IATA: 5.1
Packaging group	ADR/RID: III IMDG:III IATA: III
Environmental hazards	ADR/RID: NO IMDG: NO IATA: No
Special precautions for user	No data available
Further information-NA	Not classified as dangerous in the meaning of transport regulations.
Transport in bulk according to IMOinstruments-NO	No data available

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006
Safety, health and environmental regulations specific for the product in question-NA	European Inventory of Existing Commercial Chemical Substances (EINECS) -Listed.EC Inventory Listed. United States Toxic Substances Control Act (TSCA) Inventory- Listed. China Catalog of Hazardous chemicals 2015 Not- Listed. New Zealand Inventory of Chemicals (NZIoC)Listed. PICCS -Listed. Vietnam National Chemical Inventory -Listed. IECSC Listed. Korea Existing Chemicals List (KECL) -Listed.
National legislation	Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : OXIDISING LIQUIDS AND SOLID
Authorisations and/or restrictions on use-NA	REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Cyclohexane
Other regulations	Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

1. Product and Company Identifaction

Product Name	RXSOL-60-6605-533
Product Type	SODIUM METABISULPHITE LR
Revised date	

Company Details:

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

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Email	mail@rxmarine.com

2. Composition / informationon ingredients

Substance / Preparation : SODIUM METABISULPHITE LR
CAS No :7681-57-4
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 EC 67/548 or EC 1999/45
Classification : Xn; R22 R31
Xi; R41
Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)
Health hazards : Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302
Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1) H318
3.2. Label elements
Labelling EC 67/548 or EC 1999/45
Symbol(s) : Xn : Harmful
R Phrase(s) : R22 : Harmful if swallowed.
R31 : Contact with acids liberates toxic gas.
R41 : Risk of serious damage to eyes.
S Phrase(s) : S2 : Keep out of the reach of children.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seekmedical advice.
S39 : Wear eye/face protection.
S46 : If swallowed seek medical advice immediately and show this container or label.
Labelling Regulation EC 1272/2008 (CLP)
Hazard pictograms

Signal words : Danger

Hazard statements : H318 : Causes serious eye damage.
H302 : Harmful if swallowed. Precautionary statements
• General : P102: Keep out of reach of children.
P103: Read label before use.
P101: If medical advice is needed, have product container or label at hand.
• Prevention : P280: Wear protective gloves, protective clothing, eye protection, face protection.
P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product.
• Response : P301+P312: IF SWALLOWED : Call a POISON CENTER or doctor if you feel unwell.
P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
• Disposal considerations : P501: Dispose of this material and its container to hazardous
or special waste collection point, in accordance with local, regional, national and/or international regulation.
3.3. Other hazards
Other hazards : The substance does not fulfil the criteria to be identified as PBT
substance or vPvB substance according to Annex XIII of Regulation REACH.

4. First Aid Measures

4.1. Description of first aid measures
Inhalation : Assure fresh air breathing. Allow the victim to rest.
Skin contact : Remove affected clothing and wash all exposed
skin area with mild soap and water, followed by warm water rinse.
Eye contact : Rinse cautiously with water for several minutes.
Immediately call a POISON CENTER or doctor. Remove contact lenses,
if present and easy to do. Continue rinsing.
Ingestion : Obtain emergency medical attention. Call a POISON CENTER or doctor if you feel unwell.
Rinse mouth. Do NOT induce vomiting.
4.2. Most important symptoms and effects, both acute and delayed
Symptoms relating to use : Causes serious eye damage.
Swallowing a small quantity of this material will result in serious health hazard.
4.3. Indication of any immediate medical attention and special treatment needed
General information : Never give anything by mouth to an unconscious person.
If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting Measures

5.1. Extinguishing media
Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.
5.2. Special hazards arising from the substance or mixture
Hazardous combustion products : Under fire conditions, hazardous fumes will be present.
5.3. Advice for fire-fighters
Protection against fire : Do not enter fire area without proper protective equipment,
including respiratory protection.
Special procedures : Exercise caution when fighting any chemical fire.
Avoid (reject) fire-fighting water to enter environment.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
For emergency responders : Equip cleanup crew with proper protection. Ventilate area.
For non-emergency personnel : Evacuate unnecessary personnel.
6.2. Environmental precautions
Environmental precautions : Prevent entry to sewers and public waters.
Notify authorities if product enters sewers or public waters.
6.3. Methods and material for containment and cleaning up

Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other sections
See section 8. Exposure controls/personal protection

7. Handling and Storage

7.1. Precautions for safe handling
Handling : Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.
7.2. Conditions for safe storage, including any incompatibilities
Storage : Keep only in the original container in a cool, well ventilated place.
Keep container closed when not in use.
Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.
7.3. Specific end use(s)
Specific end use(s) : None

8. Exposure controls and personal protection

8.1. Exposure controls
Personal protection : Avoid all unnecessary exposure.
• Respiratory protection : Wear approved mask.
• Hand protection : Wear protective gloves.
• Eye protection : Chemical goggles or safety glasses.
• Others : When using, do not eat, drink or smoke.
8.2. Control parameters
Occupational Exposure Limits : No data available

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state at 20 °C : Solid.
Odour : Sulphorous
Odour threshold : No data available.
pH value : No data available.
Melting point [°C] : 300 °C
Decomposition point [°C] : N/A
Critical temperature [°C] : N/A
Auto-ignition temperature [°C] : N/A
Flammability (solid, gas) : N/A
Flash point [°C] : N/A
Boiling point [°C] : N/A
Initial boiling point [°C] : N/A
Final boiling point [°C] : N/A
Evaporation rate : N/A
Vapour pressure [20°C] : N/A
Vapour pressure mm/Hg : N/A
Vapour density : N/A
Density [g/cm3] : 1.48
Relative density, gas (air=1) : N/A
Relative density, liquid (water=1) : N/A
Solubility in water [% weight] : 650 g/l at 20 °C
Solubility in water : N/A
Log Pow octanol / water at 20°C : No data available.
Solubility : 4.5 at 50 g/l at 20
Viscosity at 40°C [mm2/s] : N/A
9.2. Other information

Explosive properties : N/A
Explosion limits - upper [%] : N/A
Explosion limits - lower [%] : N/A
Oxidising properties : No data available.

10. Stability and reactivity

10.1. Reactivity
Reactivity : Highly reactive material.
10.2. Chemical stability
Chemical stability : Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions
Hazardous reactions : Not established.
10.4. Conditions to avoid
Conditions to avoid : Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
Materials to avoid : Strong acids. Strong bases.
10.6. Hazardous decomposition products
Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

11. Toxicological information

11.1. Information on toxicological effectsAcute toxicity
• Inhalation : Based on available data, the classification criteria are not met.
• Dermal : Based on available data, the classification criteria are not met.
• Ingestion : Harmful if swallowed.
Corrosion : Causes serious eye damage.

Irritation : Based on available data, the classification criteria are not met.

1. Product and Company Identifaction

Product Name	SODIUM PERSULPHATE LR
Part Number	RXSOL-60-6605-554

Company Details:

RX MARINE INT