1. Product and Company Identifaction

www.rxmarine.com

Product Name SODIUM METHOXIDE POWDER LR

Part Number RXSOL-60-6605-536

Company Details:

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

Branch: Kandla, Mumbai, Chennai, Vizag, Kolkata, UAE, OMAN, CANADA and KENYA

Phone +91 22 20871200 - 1400

Fax +91 22 27612100 :::AOH :0091 9821214367

Emailmail@rxmarine.comWebsitewww.rxmraine.com

2. Composition / Information on ingredients

www.rxmarine.com

Chemical NameCASEC numberWeightSODIUM METHOXIDE POWDER124-41-4204-699-598

LR

3. Hazards Identification

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Signal Word Danger

Hazard Statements H228 Flammable solid.

H251 Self-heating; may catch fire.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage

prolonged or repeated exposureH336 May cause drowsiness or dizziness.

H361fd Suspected of damaging fertility. Suspected of damaging the

unborn child.

H373 May cause damage to organs (Central nervous system) through

prolonged or repeated exposure

P280 Wear protective gloves.P305 + P351 + P338

Precautionary statements - response

. . .

P202 Do not handle until all safety precautions have been read and

understood.

P260 Do not breathe dust.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face

protection.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep

comfortable

for breathing. Call a POISON CENTER/ doctor if you feel unwell.

P308 + P313 IF exposed or concerned: Get medical advice/ attention

Response

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

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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. Immediately call in

ophthalmologist. Remove contact lenses.

Swallowed After swallowing: make victim drink water (two glasses at most), avoid

vomiting (risk of perforation). Call a physician immediately. Do not

attempt to neutralise.

Skin Contact In case of skin contact: Take off immediately all contaminated clothing.

Rinse skin with water/ shower. Call a physician immediately.

If swallowed After swallowing: make victim drink water (two glasses at most), avoid

vomiting (risk of perforation). Call a physician immediately. Do not

attempt to neutralise

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 No data available

needed

5. Fire-fighting Measures

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Flammability NA Flash Point NA

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 Hydrogen bromide gas Sodium oxides Not combustible.

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 NA

products

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 NA.

Specific Hazards Arising from the Chemical NA

6. Accidental Release Measures

www.rxmarine.com

Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection

see section 8.

NA

Spillage

Personal Protection

Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection

see section 8.

Environmental Precaution Do not let product enter drains

Methods and materials for Cover drains. Collect, bind, and pump off spills. Observe possible containment and cleaning material restrictions (see sections 7 and 10). Take up dry. Dispose of

properly. Clean up affected area. Avoid generation of dusts.

Reference to other sections For disposal see section 13.

7. Handling and Storage

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Advice on safe handling

Advice on protection against fire and explosion

Hygiene measures

Precautions for safe handling

Conditions for safe storage, including any incompatibilities

Storage conditions

Work under hood. Do not inhale substance/mixture.

NA

Change contaminated clothing. Preventive skin protection recommended. Wash hands after working with substance. For precautions see section 2.2.

Advice on safe handling Work under hood. Do not inhale substance/mixture. Hygiene measures Change contaminated clothing. Preventive skin protection recommended. Wash hands after working with

substance. For precautions see section 2.2.

Storage conditions Tightly closed. Dry. Hygroscopic.

Tightly closed. Dry. Hygroscopic.

Hygroscopic. Tightly closed. Dry.

Hygroscopic.

Storage conditions Tightly closed. Dry. Hygroscopic.

Storage class (TRGS 510): 13: Non Combustible Solids

Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are

stipulated

Handling NA

Advice on general occupational hygiene NA

8. Exposure controls and personal protection

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Occupational Exposure limit values

Biological limit values

Exposure controls

Engineering Control

Eye/face protection

No data available

No data available

Personal protective equipment

NA

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety

glasses

government standards such as NIOSH (US) or EN 166(EU). Safety glassesUse 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 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

substances and under conditions deviating from those stated in EN374

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: 0,11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L 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: 480 min Material tested:KCL 741 Dermatril® L

Required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type P3 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.

NA

Do not let product enter drains.

No data available

Respiratory protection

Other Protection Measure Control of environmental exposure Thermal hazards





Gloves Suit

рΗ

Viscosity

9. Physical and chemical properties

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Physical state Crystalline Colour Colorless Odour Odorless Odor Threshold Not Applicable

5,74 at 430 g/l at 22,5 °C Melting Point Melting point/range: 755 °C - lit. **Boiling Point** 1.390 °C at ca.1.013 hPa Flash Point No data available

Viscosity, kinematic: 2550 mm2/s - OPPTS 830.7100

Viscosity, dynamic: No data available

Not Applicable

The product is not flammable. - Flammability (solids)

No Data Available No data available

Evaporation Rate Flammability (solid, gas)

Explosive limits

Upper/lower flammability or explosive limits

Autoignition temperature No data available

Decomposition temperature > 750 °C

Vapour pressure1 hPa at 806 °CDensity3,2 g/cm3 at 25 °CVapour Density1 hPa at 806 °CSpecific GravityNo data available

Explosive properties None

Solubility 946 g/l at 25 °C - soluble Ignition temperature No information available.

Particle characteristics No data available

Oxidizing properties None

Other safety information No data available

10. Stability and reactivity

Partition coefficient

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Reactivity No data available

Stability The product is chemically stable under standard ambient conditions (room

temperature).

No data available

Possibility of hazardous reactions Risk of explosion with: Alkali metals halogen-halogen compounds

Generates dangerous gases or fumes in contact with: Strong acids Release

of: hydrogen bromide

Conditions to avoid Avoid moisture. Heat.

no information available

Incompatible materials No data available

Hazardous Polymerization In the event of fire: see section 5

11. Toxicological information

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Acute toxicity

Skin corrosion/irritation

Serious eye damage/eye irritation Eyes - Rabbit

Result: slight irritation

(US-EPA)

Respiratory or skin sensitization

Serious eye damage/eye irritation

Rout Of Entry
Toxicity to Animal
Toxic Effects on Human
Germ cell mutagenicity

LD50 Oral - Rat - male and female - 4.200 mg/kg (OECD Test Guideline 401) Inhalation: No data available LD50 Dermal - Rabbit - male and

female - > 2.000 mg/kg (OECD Test Guideline 402) Skin - Rabbit Result: No skin irritation - 4 h (US-EPA)

Eyes - Rabbit Result: slight irritation (US-EPA)

Maximization Test - Guinea pig Result: negative (OECD Test Guideline

E DILL'E L'ILL'EL (HOEDA)

Eyes - Rabbit Result: slight irritation (US-EPA)

NA NA

NA

Test Type: Ames test Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative. Test Type: Mutagenicity (mammal cell test): chromosome aberration. Test system: Human lymphocytes Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473 Result: negative Test Type: unscheduled DNA synthesis assay Test system: mammalian cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 482

Result: negative Test Type: Micronucleus test Species: Mouse Cell type: Bone marrow Application Route: Oral Method: OECD Test Guideline 474 Result: negative Remarks: The value is given in analogy to the

Reproductive toxicity

Specific target organ toxicity - single exposure

Specific target organ toxicity - repeated exposure

Special Remarks on other Toxi Effects on Humans: Additional Information Assessment

Endocrine disrupting properties

following substances: ammonium bromide

Suspected of damaging fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

- Central nervous system

NA

Endocrine disrupting properties

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 - Oral - NOAEL (No observed adverse effect level) - 100 mg/kg - LOAEL (Lowest observed adverse effect level) - 225 mg/kg Remarks: The value is given in analogy to the following substances: ammonium bromide RTECS: VZ3150000

Effects due to ingestion may include:, sedation To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated Systemic effects:Tiredness After uptake of large quantities: ataxia (impaired locomotor coordination) confusion Convulsions Coma However, when the product is handled appropriately, hazardous effects are unlikely to occur. Handle in accordance with good industrial hygiene and safety practice.

Product: Assessment : 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 - Oral - NOAEL (No observed adverse effect level) - 100 mg/kg - LOAEL (Lowest observed adverse effect level) - 225 mg/kg Remarks: The value is given in analogy to the following substances: ammonium bromide RTECS: VZ3150000 Effects due to ingestion may include:, sedation To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Systemic effects:Tiredness After uptake of large quantities:

ataxia (impaired locomotor coordination) confusion Convulsions Coma However, when the product is handled appropriately, hazardous effects are unlikely to occur.

Handle in accordance with good industrial hygiene and safety practice.

12. Ecological information

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Persistence and degradability Toxicity

No data available

Toxicity to fish semi-static test LC50 - Fish - > 440 mg/l - 96 h (OECD Test Guideline 203) Toxicity to daphnia and other aquatic invertebrates static test NOEC - Daphnia magna (Water flea) - >= 1.000 mg/l - 48 h (US-EPA)

Toxicity to algae ErC50 - Skeletonema costatum (marine diatom) - > 440 mg/l - 72 h (OECD Test Guideline 201) Toxicity to bacteria static test EC50 - activated sludge - > 1.000 mg/l - 3 h (OECD Test Guideline 209) Toxicity to

fish(Chronic toxicity) semi-static test NOEC - Poecilia reticulata (guppy) - 10 mg/l - 124 d Remarks: (ECHA) Toxicity to daphnia and other aquatic invertebrates(Chronic toxicity) semi-static test NOEC - Daphnia magna (Water flea) - 7,5 mg/l - 21 d Remarks: (ECHA)

Bioaccumulation - 7 d at 25 °C - 53,11 mg/l(sodium bromide) Bioconcentration factor (BCF): 0,23

Bioaccumulative potential

Toxicity to fish semi-static test LC50 - Fish - > 440 mg/l - 96 h (OECD Test Guideline

203)

Toxicity to daphnia and other aquatic invertebrates static test NOEC - Daphnia magna (Water flea) - >= 1.000 mg/l - 48 h

(US-EPA)

Toxicity to algae ErC50 - Skeletonema costatum (marine diatom) - > 440 mg/l - 72 h

(OECD Test Guideline 201)

Toxicity to bacteria static test EC50 - activated sludge - > 1.000 mg/l - 3 h (OECD Test

Guideline 209)

Eco Toxicity Not Available

Toxicity to semi-static test NOEC - Poecilia reticulata (guppy) - 10 mg/l - 124 d

Remarks: (ECHA)

fish(Chronic toxicity)

Toxicity to daphnia semi-static test NOEC - Daphnia magna (Water flea) - 7,5 mg/l - 21 d

and other aquatic Remarks: (ECHA)

invertebrates(Chronic

toxicity)

COD and BOD 5 Not Available

Products Biodegradation: NA

Mobility in soil No Information available

Results of PBT and vPvB assessment

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.

Endocrine disrupting properties Product: Assessment : 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.

Assessment 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

www.rxmarine.com

Disposal methods NA
Contaminated packaging NA

Waste treatment Method 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

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UN number ADR/RID: -

IMDG: -

IATA: -

UN proper shipping name ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class(es) ADR/RID: -

IMDG: -

IATA: -

ADR/RID: -Packaging group

IMDG: -

IATA: -

ADR/RID: no Environmental hazards

IMDG Marine pollutant: no

Regulation (EC) No. 1907/2006.

IATA: no

Special precautions for user No data available

Not classified as dangerous in the meaning of transport regulations. Further information

Transport in bulk according to IMOinstruments No data available

15. Regulatory information

www.rxmarine.com

Safety, health and environmental regulations/legislation specific for the This material safety data sheet complies with the requirements of substance or mixture

Safety, health and environmental regulations specific for the product in NA

question

National legislation NA NA DSCL (EEC)

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

For this product a chemical safety assessment was not carried out Chemical Safety Assessment

16. Other information

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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.

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PALLADIUM HYDROXIDE 20% ON CHARCOAL RXSOL-60-6605-163
PALLADIUM NITRATE 44% PD content RXSOL-60-6605-164
PALLADIUM SPONGE 99.9% POWDER RXSOL-60-6605-165
PALLADIUM CALCIUM CARBONATE 10% pd RXSOL-60-6605-166
PARAFFIN WAX 58 60C BLOCK BRICKS RXSOL-60-6605-180
P DIMETHYL AMINO BENZALDEHYDE AR RXSOL-60-6605-192
P DIMETHYL AMINO CINNAMALDEHYDE AR RXSOL-60-6605-193
PEPTONE BACTERIOLOGICAL GRANULAR RXSOL-60-6605-197
PETROLEUM ETHER 100-2000 C FOR SYNTHESIS RXSOL-60-6605-205
PHENOL RED INDICATOR SOLUTION RXSOL-60-6605-215
PHENOLDISULPHONIC ACID SOLUTION 25% RXSOL-60-6605-216
PHENOLPHTHALEIN INDICATOR RXSOL-60-6605-218
PHENYL CHLOROFORMATE FOR SYNTHESIS RXSOL-60-6605-219
PHENYL HYDRAZINE AR RXSOL-60-6605-220
PHENYL HYDRAZINE FOR SYNTHESIS RXSOL-60-6605-221
PHENYL HYDRAZINE HYDROCHLORIDE AR RXSOL-60-6605-223
PHENYL MERCURY ACETATE FOR SYNTHESIS RXSOL-60-6605-224
PHENYL PHOSPHATE DISODIUM SALT AR RXSOL-60-6605-226
PHENYL TRIMETHYL AMMONIUM CHLORIDE RXSOL-60-6605-227
PHLOXIN B FOR MICROSCOPY RXSOL-60-6605-229
PHTHALAMIDE FOR SYNTHESIS RXSOL-60-6605-237
PHTHALIC ACID AR RXSOL-60-6605-238
PHTHALIC ACID FOR SYNTHESIS RXSOL-60-6605-239
PHTHALIC ANHYDRIDE FOR SYNTHESIS RXSOL-60-6605-249
PHTHALIDE FOR SYNTHESIS RXSOL-60-6605-250
PHTHALIMIDE FOR SYNTHESIS RXSOL-60-6605-251
PICRIC ACID SOLUTION AR 1.2% RXSOL-60-6605-256
PIPERAZINE Anhydrous 98% RXSOL-60-6605-257
PIPERAZINE Anhydrous 98% RXSOL-60-6605-257
PIPES BUFFER piperazine NN-Bis-2-Ethene Sulfonic acid RXSOL-60-6605-26
PLATINIUM OXIDE Pt 80% RXSOL-60-6605-261

POLYETHYLENE GLYCOL 600 RXSOL-60-6605-269

POLYVINYL PYRROLIDONE PVP RXSOL-60-6605-241

PONCEAU S FOR ELECTROPHORESIS RXSOL-60-6605-242

POPOP Scintillation Grade 1 4-bis5-phenyloxaza-2yl benzene RXSOL-60-6605-243 POPSO BUFFER FOR BIOCHEMISTRY RXSOL-60-6605-244 POTASSIUM ACETATE AR RXSOL-60-6605-245 POTASSIUM ACETATE LR RXSOL-60-6605-246 SODAMIDE RXSOL-60-6605-451 SODIUM ACETATE TRIHYDRATE AR RXSOL-60-6605-462 SODIUM ARSENITE SOLUTION AR 0.1N N10 RXSOL-60-6605-468 SODIUM BENZOATE AR RXSOL-60-6605-472 SODIUM BISELENITE Sodium Hydrogen Selenite RXSOL-60-6605-473 SODIUM BROMATE LR RXSOL-60-6605-481 SODIUM BROMIDE AR RXSOL-60-6605-482 SODIUM BROMIDE LR RXSOL-60-6605-483 SODIUM CHLORIDE SOLUTION0 85% wv RXSOL-60-6605-488 SODIUM CHROMATE TETRAHYDRATE LR RXSOL-60-6605-490 SODIUM DI CHLOROISOCYANURATE RXSOL-60-6605-495 SODIUM HYDROXIDE SOLUTION IN 1M N1 RXSOL-60-6605-519 SODIUM LAURYL SULPHATE AR 99% RXSOL-60-6605-529 SODIUM LAURYL SULPHATE POWDER LR RXSOL-60-6605-531 SODIUM META BORATE TETRAHYDRATE LR RXSOL-60-6605-534 SODIUM METHOXIDE AR RXSOL-60-6605-535 SODIUM METHOXIDE POWDER LR RXSOL-60-6605-536 SODIUM MOLYBDATE AR DIHYDRATE RXSOL-60-6605-537 SODIUM NITRITE AR RXSOL-60-6605-541 SODIUM NITRITE LR RXSOL-60-6605-542 SODIUM NITRO PRUSIDE AR RXSOL-60-6605-543 SODIUM NITRO PRUSIDE LR RXSOL-60-6605-544 SODIUM OXALATE AR RXSOL-60-6605-545 SODIUM PERBORATE TRIHYDRATE PURE RXSOL-60-6605-548 SODIUM PER CARBONATE GRANULAR RXSOL-60-6605-549 SODIUM PER CARBONATE TABLET RXSOL-60-6605-550 SODIUM PERSULPHATE AR RXSOL-60-6605-553 SODIUM PERSULPHATE LR RXSOL-60-6605-554 SODIUM PHOSPHATE DI BASIC DIHYDRATE RXSOL-60-6605-559

SODIUM PYRUVATE RXSOL-60-6605-562

SODIUM SALICYLATE AR RXSOL-60-6605-563
SODIUM SELENITE AR ANHYDROUS RXSOL-60-6605-566
SODIUM SELENITE LR ANHYDROUS RXSOL-60-6605-567
SODIUM SELENITE PENTAHYDRATE LR RXSOL-60-6605-568
SODIUM SILICATE POWDER META HYDRATED RXSOL-60-6605-569
SODIUM SILICATE SOLUTION RXSOL-60-6605-570
SODIUM SILICO FLUORIDE 99% RXSOL-60-6605-571
SODIUM STANNATE LR RXSOL-60-6605-572

SODIUM SULPHATE ANHYDROUS AR RXSOL-60-6605-573

SODIUM SULPHIDE FLAKES AR RXSOL-60-6605-576

SODIUM SULPHITE ANHYDROUS AR RXSOL-60-6605-577