

Water Based Premium Rust Inhibiting Mist

SECTION 1. IDENTIFICATION

Product Identifier	Water Based Premium Rust Inhibiting Mist
Other Means of Identification	Water Based Rust inhibitor
Other Identification	SKU#154/156/158/159
Product Family	Generic Class: Modified Water Based Calcium
Recommended Use	See Technical Data Sheet.
Restrictions on Use	See Technical Data Sheet.
Manufacturer/Supplier Identifier	SWT Group, 1591 Kildare Road, Windsor, ON, N8W 2W2, Canada, 519-967-0020
Supplier Identifier	The Walker Group Manufacturing Inc., 3 Pullman Court, Toronto, Ontario, M1X1E4, 416-412-2970
Emergency Phone No.	Walker Group Manufacturing Inc., 416-412-2970 SWT Group , 519-967-0020 CANUTEC, 24 HR. Emergency Tel #613-996-6666

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification

Skin irritation - Category 2; Eye irritation - Category 2A

Label Elements



Signal Word:
Warning

Hazard Statement(s):

Causes skin irritation.
Causes serious eye irritation.

Precautionary Statement(s):

Wash hands thoroughly after handling.
Wear eye protection/face protection.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
2-Amino-2-methyl-1-propanol	124-68-5	1 - 10	N/A	2-Aminoisobutanol
Ammonia gas	7664-41-7	0.5 - 1.5	N/A	Ammonia

Notes

Concentrations are expressed in % weight/weight. The specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. If breathing has stopped, trained personnel should begin rescue breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Clean clothing, shoes and leather goods. If skin irritation occurs, get medical advice or attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Flush eyes with water for at least 15 minutes. If eye irritation persists, get medical advice or attention.

Ingestion

Do not induce vomiting. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned.

First-aid Comments

Provide general supportive measures and treat symptomatically.

Most Important Symptoms and Effects, Acute and Delayed

If in eyes: causes moderate to severe irritation. Symptoms include sore, red eyes, and tearing. If inhaled: can irritate the nose and throat. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest. Can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion. If on skin: may cause moderate to severe irritation. Symptoms include slight redness and swelling. If swallowed: can irritate the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Immediate Medical Attention and Special Treatment

Target Organs

Eyes, skin, respiratory system, brain, digestive system.

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

Provide general supportive measures and treat symptomatically.

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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use foam or other suitable extinguishing agent. Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread the fire.

Specific Hazards Arising from the Product

Can ignite if strongly heated.

Very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

Wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so.

Fire-fighters should enter area wearing specialized protective equipment. (Bunker Gear will not provide adequate protection.).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Keep unnecessary personnel away.

Environmental Precautions

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Contain and soak up spill with absorbent that does not react with spilled product. Review Section 13 (Disposal Considerations) of this safety data sheet. Contact emergency services and manufacturer/supplier for advice.

Other Information

Report spills to local health, safety and environmental authorities, as required.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical. Avoid repeated or prolonged skin contact. Do not breathe in this product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep containers tightly closed when not in use or empty. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. Do NOT eat, drink or store food in work areas.

General hygiene considerations: avoid breathing in this product. Do not get in eyes, on skin or on clothing. Do NOT smoke in work areas. Do NOT eat, drink or store food in work areas. Wash hands thoroughly after handling this material. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. See Section 13 (Disposal Considerations) of this safety data sheet.

Conditions for Safe Storage

Store in an area that is: well-ventilated, cool, dry. Store at temperatures not exceeding: 50°C/122 °F protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Amino-2-methyl-1-propanol	Not established	Not established	50 ppm	Not established	Not established	Not established
Ammonia gas	25 ppm	35 ppm	50 ppm	Not established	Not established	Not established

Consult local authorities for provincial exposure limits.

Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Respiratory protection is required if the concentrations exceed the TLV. Wear a NIOSH approved powered air-purifying respirator with an appropriate cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Dark black viscous liquid.
Odour	Citrus
Odour Threshold	Not available
pH	8.0 - 8.5
Melting Point/Freezing Point	< 0 °C (32 °F) (melting); < 0 °C (32 °F) (freezing)
Initial Boiling Point/Range	100 °C (212 °F)
Flash Point	100 °C (212 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.06 at 25 °C (77 °F)
Solubility	Soluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not applicable
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Molecular Formula	Not available
Molecular Weight	Not available

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SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use. Hazardous polymerization does not occur.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials. Ensure adequate ventilation, especially in confined areas.

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid), strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Amino-2-methyl-1-propanol	Not available	2900 mg/kg (rat)	> 2000 mg/kg (rat)
Ammonia gas	2000 ppm (rat)	350 mg/kg (rat)	4840 mg/kg (rat)

Skin Corrosion/Irritation

May cause moderate or severe irritation based on information for closely related materials. Symptoms include slight redness and swelling.

Serious Eye Damage/Irritation

May cause serious eye damage based on information for closely related materials. Symptoms include sore, red eyes, and tearing.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause nose and throat irritation.

Skin Absorption

No information was located.

Ingestion

May cause irritation of the mouth, throat and stomach.

Aspiration Hazard

Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

Carcinogenicity

No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

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Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

Not known to cause effects on or via lactation.

Germ Cell Mutagenicity

Not known to be a mutagen.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
2-Amino-2-methyl-1-propanol	190 mg/L (Lepomis macrochirus (bluegill); 96-hour)	193 mg/L (Daphnia magna (water flea))	Not available	Not available
Ammonia gas	0.083 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)	0.53 mg/L (Daphnia magna (water flea); 48-hour)	Not available	Not available

Persistence and Degradability

No data is available on the product itself.

Bioaccumulative Potential

No data is available on the product itself.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Environmental Hazards Not applicable

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

SARA Title III - Section 311/312. (Ammonia gas) SARA Title III - Section 302. (Ammonia gas) SARA Title III - Section 313. (Ammonia gas). (2-Amino-2-methyl-1-propanol) New Jersey Right To Know. (2-Amino-2-methyl-1-propanol). (Ammonia gas) Pennsylvania Right To Know. (2-Amino-2-methyl-1-propanol). (Ammonia gas)

SECTION 16. OTHER INFORMATION

SDS Prepared By The Walker Group Manufacturing Inc.

Phone No. 416-412-2970

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Revision Indicators Date of Preparation.

The following SDS content was changed on August 02, 2018:

SECTION 11. TOXICOLOGICAL INFORMATION; LC50/LD50 values.

The following SDS content was changed on August 02, 2018:

SECTION 11. TOXICOLOGICAL INFORMATION; LC50/LD50 values.

The following SDS content was changed on August 02, 2018:

SECTION 12. ECOLOGICAL INFORMATION; Acute Aquatic Toxicity.

The following SDS content was changed on August 02, 2018:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION; Exposure Guidelines.

The following SDS content was changed on August 02, 2018:

SECTION 12. ECOLOGICAL INFORMATION; Acute Aquatic Toxicity.

Key to Abbreviations ACGIH® = American Conference of Governmental Industrial Hygienists

AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank

IARC = International Agency for Research on Cancer

NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health

NTP = National Toxicology Program

OSHA = US Occupational Safety and Health Administration

RTECS® = Registry of Toxic Effects of Chemical Substances

References

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

HSDB® database. US National Library of Medicine. Available from Canadian Centre for

Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute

for Occupational Safety and Health. Available from Canadian Centre for Occupational Health

and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database.

Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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