

Material Safety Data Sheet

RMI - 25

Section 1: Identification of the substance/mixture and of the company /undertaking

1:1 Product identifier

Product name: RMI-25 Cooling System Treatment

1:2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Cooling System Additive

1:3 Details of the supplier of the safety data sheet

Nevada Coolant LLC.

1001 LSF #13

Spring Creek, Nevada 89815

1-800-783-0724

NZ importer: Rosmac Ltd

Rosmac: +64 27 6052908

Emergency Contact: 111 (NZ Only)

0800 764 766 (NZ National Poisons Centre)

1:4 Emergency telephone number

Emergency number: CHEM-TEL 800-255-3924

SECTION 2: Hazards identified

2:1 Classification of the substance or mixture

Eye Irritation

Skin Sensitization

GBS-US labelling



Hazard pictograms (GHS-US):

Signal word (GHS-US): Warning

Hazard statements (GHS-US): May cause eye irritation. May cause an allergic skin reaction.

Precautionary statements (GHS-US): Wash hands thoroughly after handling. Avoid breathing gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. 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/attention. If on skin: Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Non toxic

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Xanthene	Product Code: 801-073-52	<0.05%	Skin 3 Eye 2B

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of 1910.1200.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measure after skin contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

First-aid measure after eye contact: In case of contact, immediately flush eyes with plenty of water for a least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.

First-aid measures after ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause sensitization by skin contact.

Symptoms/injuries after eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Non combustible

Suitable extinguishing media: Treat for surrounding material.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Fire Hazard: None known

5.3. Advice for firefighters

Protection during firefighting: Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2. Methods and material for containment and cleaning up

For containment: Contain and /or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up: Scoop up material and place in a disposal container. Provide ventilation.

6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precaution for safe handling

Precautions for safe handling: Avoid contact with skin and eyes. Do not swallow. Avoid breathing gas/fumes/vapor spray. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep out of the reach of children. Keep container tightly closed. Store locked up.

7.3. Specific end use(s)

Not available.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear chemically resistant protective gloves.

Eye protection: Safety glasses or goggles are recommended when using product.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls: Maintain levels below Community environmental protection thresholds.

Other information: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Opaque

Color: Yellow

Odor: Mild detergent odor

Odor threshold: No data available

pH: 8-8.5

Relative evaporation rate (butylacetate=1): Less than 1%

Melting point: No data available

Freezing point: No data available

Boiling point: 212 degrees Fahrenheit

Flash point: None

Self-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid gas): Not flammable

Vapor pressure: Equal to water

Relative vapor density at 20 o C: No data available

Relative density:

Solubility: 95% in water

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal storage conditions

10.3. Possibility of hazardous reactions

No dangerous reaction known under condition of normal use

10.4. Conditions to avoid

Incompatible materials

10.5. Incompatible materials

Acids. Organic material. Strong reducing agents.

10.6. Hazardous decomposition products

Product is biodegradable

May include, and are not limited to: oxides of carbon, oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general

12.2. Persistence and degradability

Persistence and degradability: Not established.

12.3. Bio accumulative potential

Bio accumulative potential: Not established

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: This material must be disposed in accordance with local, state, provincial, and federal regulations.

SECTION 14: Transport information

In accordance with DOT

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Additional information

Other information: no supplementary information available

Special transport precautions: Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulator information

15.1. US Federal regulations

15.2. US State Regulations

State or local regulations	No ingredients (s) in this product are listed.
California Prop 65	This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

IARC	International Agency for Research on Cancer
	1 – Carcinogenic to humans; 2A – Probably carcinogenic to humans; 2B – Possibly carcinogenic to humans; 3 – Not classifiable; 4 – Probably not carcinogenic to humans.
NTP	National Toxicology Program
	1 – Evidence of Carcinogenicity; 2- Known Human Carcinogens; 3 – Reasonably anticipated to be Human Carcinogen; 4 – Substances delisted from report on Carcinogens; 5 – Twelfth Report – Items under consideration

SECTION 16: Other information

Indication of changes: None

Date of issue: 12/30/2015

Version: 1

NFPA health hazard: 0

NFPA fire hazard: 0

NFPA reactivity: 0