

SAFETY DATA SHEET

According to OSHA Hazard Communication Standard

SDS Number: 3420-18



SECTION I IDENTIFICATION

Product Identifier

Product Name	RIGID COOLING MEDIA
Product Code	3420, 3421, 3421B, 34233, 34243, 3426, 3427, 3428, 3431, 3432, 3436, 3437, 3438, 3439, 3440, 3441, 3452, 3453, 3454, 3455, 3456, 3460, 3461, 3465, 3501, 3502, 3503, 3503B, 3511, 3512, 3513
Recommended Use	Evaporative Cooling Media
Distributor Name	Dial Manufacturing Inc.
Distributor Address	25 South 51 st Avenue, Phoenix, AZ 85403
Distributor Phone Number	(602) 278-1100

SECTION II HAZARD IDENTIFICATION

Classification of Substance or Mixture

Classification according to Regulation (EC) No 1272/2008	None
Classification according to Directive 67/548/EEC or Directive 1999/45/EC	Not Applicable
Information concerning particular hazards for human and environment	The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system	The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

Label elements - Labeling according to Regulation (EC) No 1272/2008

Hazard Pictogram

Single Word NONE

Hazard-determining components of labeling NONE

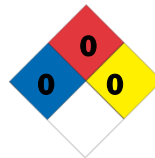
Hazard statements None

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P264	Wash thoroughly after handling.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do continue rinsing.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

WHMIS-symbols Not Applicable

NFPA Rating
(Scale 0 - 4)



HMIS Rating
(Scale 0 - 4)

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

Other Hazards

Results of PBT and vPvB assessment

PBT: Not applicable
vPvB: Not applicable

SECTION III

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture

Description: Mixture of substances listed below with nonhazardous additions.

CAS Number	Dangerous Components	%
Not Applicable	Acrylic monomer	< 0.1 %
1 08-95-2	Phenol	< 0.1 %
50-00-0	Formaldehyde	< 0.1 %
7440-50-8	Copper, elemental	< 0.1 %

SECTION IV FIRST-AID MEASURES

Description of First Aid Measure

General information	a) Immediately remove any clothing soiled by the product.
After inhalation	a) Not a normal route of exposure. b) If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
After skin contact	a) Flush with water. Wash with soap and water. b) If irritation persists obtain medical attention.
After eye contact	a) Immediately flush with cool water. b) Remove contact lenses, if applicable, and continue flushing.
After swallowing	a) Not a normal route of exposure. b) Do not induce vomiting. c) Rinse mouth with water then drink one or two glasses of water. d) Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION V FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents	Water spray, carbon dioxide.
Unsuitable extinguishing agents	None

Special hazards arising from the substance or mixture

May include and are not limited to oxides of carbon, oxides of nitrogen, organic acids, aldehydes, hydrogen chloride.

Advice for firefighters

Protective equipment	Wear self-contained respiratory protective device. Wear fully protective suit.
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Additional information	Avoid breathing smoke
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SECTION VI ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment.
Keep unprotected persons away.
Ensure adequate ventilation.

Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water

Leak & spill procedures

Special precautions not required.

SECTION VII HANDLING AND STORAGE

Precautions for safe handling & storage

Keep away from open flame.

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Occupational Exposure Limits

OSHA (PEL): Not Established
AGCIH (TWA): Not established

Control Parameters

Good general ventilation should be sufficient to control worker exposure to airborne contaminants & fumes.

Ingredients with limit values that require monitoring at the workplace

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure Control

General protective and hygienic measures	<ul style="list-style-type: none"> • Keep away from food, beverages and feed. • Immediately remove all soiled and contaminated clothing. • Wash hands before breaks and at the end of work. • Avoid contact with the eyes and skin.
Respiratory protection	<ul style="list-style-type: none"> • Not required. Use dust mask when sawing.
Hand Protection	<ul style="list-style-type: none"> • Not required.
Eye Protection	<ul style="list-style-type: none"> • Not required. Safety glasses recommended to avoid possible contact with eyes when sawing.
Body Protection	<ul style="list-style-type: none"> • Not required.

SECTION IX

PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance

Form	Solid
Color	Tan

Odor

Odor	Odorless
Odor Threshold	Not Determined

Change in condition

Melting point/Melting range	Undetermined
Boiling point/Boiling range	Undetermined

Flash point

Not applicable

Flammability (solid, gaseous)

Non-Flammable

Ignition temperature	Not determined
Decomposition temperature	Not determined
Auto igniting	Product is not self-lighting
Danger of explosion	Product does not present an explosion hazard
Explosion limits	
Lower	Not determined
Upper	Not determined
Vapor pressure	Not determined
Density	Not determined
Vapor density	Not determined
Evaporation rate	Not determined
Solubility in/Miscibility with Water	Not determined
Partition coefficient (n-octanol/water)	Not determined
Viscosity	
Dynamic	Not determined
Kinematic	Not determined
Other information	No further relevant information

SECTION X**STABILITY AND REACTIVITY**

Reactivity	No specific test data related to reactivity available for this product or its ingredients
Chemical stability	Stable
Conditions to avoid	No specific data
Possibility of hazardous reaction	No dangerous reactions known
Incompatible materials	None known at this time.

SECTION XI**TOXICOLOGICAL INFORMATION**

Primary irritant effects	
Absorption (eye & skin)	Mild irritant from dust when sawing
Inhalation	Mild irritant from dust when sawing

SECTION XII ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity	No further relevant information available
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Persistence and degradability	No further relevant information available
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Behavior on the environmental system

Bioaccumulative potential	No further relevant information available
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Mobility in soil	No further relevant information available
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Results of PBT and vPvB assessment

PBT	Not applicable
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vPvB	Not applicable
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SECTION XIII DISPOSAL CONSIDERATIONS

Waste disposal methods

Review federal, provincial/state and local government requirements prior to disposal

SECTION XIV TRANSPORT INFORMATION

UN-Number

DOT, ADR, IMDG, IATA	Not applicable
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UN proper shipping name

DOT, IMDG, IATA, ADR	Not applicable
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Packing group

DOT, ADR, MGD, IATA	Not applicable
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Environmental hazards

Marine pollutant	None
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SECTION XV REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
United States (USA)

SARA

Section 355 (extremely hazardous substances)
Section 313 (Specific toxic chemical listings)
TSCA (Toxic Substances Control Act)

None of the ingredients is listed.
None of the ingredients is listed.
All active ingredients are listed on
the Chemical Substance Inventory.

Proposition 65 (California)

Chemicals known to cause cancer
Chemicals known to cause reproductive toxicity for
females:
Chemicals known to cause reproductive toxicity for males
Chemicals known to cause developmental toxicity

Formaldehyde
None of the ingredients is listed.
None of the ingredients is listed.
None of the ingredients is listed.

Canada

Canadian Domestic Substances List (DSL)

None of the ingredients is listed.

SECTION XVI**OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.