

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
 ALPHARETTA, GA 30004
 EMERGENCY/INFO # (800) 241-8180
 ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
CORROSION INHIBITOR 5 / 4197
DECEMBER 2009
PAGE 1

HEALTH	0
FIRE	1
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

Application of the substance / the preparation: Corrosion inhibitors

SECTION 2 – Composition on Ingredients

DESCRIPTION: Mixture of the substances listed below with non-hazardous additions.

INGREDIENTS	%	CAS	EINECS
Benzotriazole	0.5-1.0	95-14-7	202-394-1

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 3 – Hazards Information

Information pertaining to particular dangers for man and environment: Harmful if swallowed.

Acute toxicity:

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritating effect.

Sensitization: No sensitizing effects known.

SECTION 4 – First Aid Measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

SECTION 5 – Fire Fighting Measures

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

Protective equipment: No special measures required.

Flash point: Not applicable

Auto igniting: Product is not self igniting.

Danger of explosion: Product does not present an explosion hazard.

SECTION 6 – Accidental Release Measures

Person-related safety precautions: Not required.

Measures for environmental protection: No special measures required.

Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). **Additional information:** No dangerous substances are released.

SECTION 7 – Handling and Storage

Information for safe handling: Ensure good ventilation/exhaustion at the workplace.

Information about protection against explosions and fires: No special measures required.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed.

SECTION 8 – Exposure Controls/Personal Protection

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

Components 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.

Additional information: The lists that were valid during the creation were used as basis.

Personal protective equipment:

General protective and hygienic measures: Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work.

Breathing equipment: Not required.

Protection of hands:

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Not required.

SECTION 9 – Physical and Chemical Properties

APPEARANCE & ODOR: Green plastic cup with Tyvek cover, light odor

SOLUBILITY IN WATER: Insoluble

SOLVENT CONTENT:

BOILING RANGE: undetermined

ORGANIC SOLVENTS: 0.0%

MELTING RANGE: undetermined

DENSITY: N/a

SECTION 10 – Stability and Reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

• **Dangerous reactions:** No dangerous reactions known

• **Dangerous products of decomposition:** No dangerous decomposition products known.

SECTION 11 – Toxicological Information

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12 – Ecological Information

General notes: Not known to be hazardous to water.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD:

Product: Recommendation: Smaller quantities can be disposed of with household waste.

Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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SECTION 14 – Transport Information

Land transport ADR/RID (cross-border)

UN-Number: Not applicable

Label Not applicable

Maritime transport IMDG:

IMDG Class: Not applicable

UN Number: Not applicable

Marine pollutant: No

Proper shipping name: Not applicable

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: Not applicable

UN/ID Number: Not applicable

Proper shipping name: Not applicable

SECTION 15 – Regulatory Information**SARA Section 355 (extremely hazardous substances)**

None of the ingredients is listed.

SARA Section 313 (specific toxic chemical listings)

None of the ingredients is listed.

TSCA (Toxic Substances Control Act)

All ingredients are listed.

Prop 65 - Chemicals known to cause cancer

One of the ingredients is listed.

Carcinogenicity categories**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Markings according to EU guidelines:

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

SECTION 16 – 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.

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