

SECTION 1: MATERIAL IDENTIFICATION

Product Name: **Corr-Ze 100**

Supplier / importer: Metal Protection Australia Pty Ltd.
Mackay, Queensland 4740 Australia

Issue date: 4/28/2023

Manufacturer: Corrosion Innovations, LLC

Product identifier:

Other identification

: such as a Proper Shipping Name, as identified in the ADG Code
example from Action Gel: "CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (contains phosphoric acid)"

Intended use: Rust and corrosion removing cleaning compound

Emergency contact information:

Poison Centre Emergency telephone +61 7 5524 2990

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin Corrosion/Irritation:	Category 2
Serious Eye Damage/Eye Irritation:	Category 2
Respiratory Sensitizer:	Category 1

Signal word: WARNING!

Hazard statements:

Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.



Precautionary statements

Obtain Special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Use personal protective equipment as required.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wash all exposed skin thoroughly after handling.
 Avoid release to the environment.
 If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read label before use.
 Keep container tightly closed.
 Keep only in original container.
 Do not get in eyes, on skin, or on clothing.
 Do not eat, drink, or smoke when using this product.

TOXICITY: See Section 11

SECTION 3: HEALTH HAZARDS

3.1 Hazardous chemical identification

CHEMICAL NAME	%W/W	CAS NUMBER
2-dimethylaminoethanol(ProprietaryFormula)	10-25%	108-01-0

3.2 Hazard identification

SECTION 4: FIRST AID

Potential acute health effects:

Eyes: May cause severe irritation, burns, and/or damage. May cause
Skin: severe irritation, burns, and/or damage. Inhalation may cause
Inhalation: severe irritation. Ingestion may cause irritation, ulceration,
Ingestion: nausea, and vomiting.

Medical conditions aggravated by exposure : None known.

Eye Contact:	In case of contact, immediately flush eyes with cool running water. Lift and separate eyelids while flushing with plenty of water, for at least 15 minutes. Get medical attention. Wash with soap and water. Get medical attention if irritation occurs. Wash clothing before reuse. Destroy contaminated shoes.
Skin Contact:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Inhalation:	If victim has difficulty breathing, give oxygen. If not breathing, give artificial respiration immediately, and continue it until the victim is breathing or help arrives. Seek medical attention if other symptoms develop.

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard Classification (OSHA/NFPA):	0-No VOC's or Solvents
Extinguishing Media:	Asrequired for fire being fought.
Special Fire Fighting Procedures:	Useself-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, PPE, and Emergency Procedures:

Wear protective clothing as described in Section 8 of this safety data sheet.

Containment Procedures:

Stop the flow of material, if this can be done without risking personal injury. Wear appropriate protective equipment and clothing during clean-up. Do not allow the spilled product to enter public drainage system or open water courses.

Sweep up or gather material, and place in appropriate container for disposal.

Clean-Up Procedures:

Wash spill area thoroughly. Wear appropriate protective equipment during cleanup. Dispose of collected material according to regulations.

SECTION 7: HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin, and clothing. Do not take internally. For industrial use only. Wash after handling. Don't breathe dust, vapor, or gas. Keep this and all chemicals out of reach of children.

Storage:

Keep away from heat, sparks, and open flames. Prevent spills. Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Empty product containers may contain product residue, do not reuse.

SECTION 8: PERSONAL PROTECTION / EXPOSURE CONTROLS



Ventilation System:	In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort for the worker, a local exhaust system should be considered.
Airborne Exposure Limits:	Contains no substances with occupational exposure limit values.
Personal Protection:	As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1920.132), employers must perform a Hazard Assessment for all workplaces to determine the need for, and selection of, proper protective equipment for each task performed.
Eyes:	Wear face shield, safety glasses, or chemical goggles.
Hands & Skin:	For prolonged or repeated handling, use impervious gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.
Respiratory:	If ventilation is not sufficient, appropriate NIOSH/MSHA respiratory protection must be provided
Work Practices:	Eye wash fountain and emergency showers are recommended.

SECTION 9: TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid

Color: Clear

Odor: Amine-like

Odor Threshold: NE

pH: 11.2

Boiling Point: 212 deg F

Melting Point: <32 deg F

Flash Point: NE

Evaporation Rate (Butyl acetate=1): NE

Flammability: Non-Flammable

UEL: NE

LEL: NE

Vapor Pressure: NE

Vapor Density: NE

Specific Gravity (Water=1): ~1

Solubility Water: Fully miscible

Partition Coefficient: NE

Auto-ignition Temperature: >455 deg F

Decomposition Temperature: NE

Viscosity (CPS): NE

SECTION 10: STABILITY AND REACTIVITY

Stability:	This product is stable under normal temperatures and pressures.
Incompatibility:	Strong Acids Strong Oxidizers
Decomposition Products:	NO _x CO _x Water
Conditions to Avoid:	Extreme Heat Direct Sunlight

SECTION 11: TOXICOLOGICAL PROPERTIES

Product	Test	Result	Route	Species
Corr-Ze 100™ (calculated)	LD50	6512 mg/kg	Oral	Rat

See Section 4 for symptoms.

CARCINOGENICITY: No known carcinogens.

MUTAGENICITY: No known mutagens.

REPRODUCTIVE TOXINS: No known reproductive toxins.

SECTION 12: ECOLOGICAL INFORMATION

Product	Test	Result	Time	Species
Corr-Ze 100™	NE			Rat

PERSISTENCE & DEGRADABILITY: Readily biodegradable

BIOACCUMULATION: Does not bioaccumulate

MOBILITY IN SOIL: No data available

AQUATIC TOXICITY BY METHOD 2000: ANALYTE: RESULT:251 mg/L
48 Hour LC50 - Fathead Minnow

AQUATIC TOXICITY BY METHOD 2002: ANALYTE: RESULT: 197 mg/L
48 Hour LC50 - C. Dubia

SECTION 13: DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use, or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose container and unused contents in accordance with federal, state, and local requirements.

SECTION 14: TRANSPORT INFORMATION

Not a regulated substance.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

SARA 302 extremely hazardous substances list: N/A

SARA 312 hazard category: N/A

SARA 313 toxic chemicals list: N/A

Comprehensive Environmental Response, Compensation, And Liability Act (CERCLA): N/A

Resource Conservation and Recovery Act (RCRA) listed hazardous wastes: N/A

Clean Water Act (CWA) listed substances: N/A

Food and Drug Administration (FDA): N/A

Toxic Substances Control Act (TSCA): All ingredients are listed.

NFPA HAZARD INFORMATION SIGN:

[1] HEALTH HAZARD (BLUE DIAMOND)

4-DEADLY
3-EXTREME DANGER
2-HAZARDOUS
1-SLIGHTLY HAZARDOUS
0-NORMAL MATERIAL

[0] FIRE HAZARD (RED DIAMOND)

FLASH POINTS:
4-BELOW 73 F
3-BELOW 100 F
2-BELOW 200 F
1-ABOVE 200 F
0-WILL NOT BURN

[0] REACTIVITY HAZARD (YELLOW DIAMOND)

4-MAY DETONATE
3-SHOCK AND HEAT MAY DETONATE
2-VIOLENT CHEMICAL CHANGE
1-UNSTABLE IF HEATED
0-STABLE

[] SPECIFIC HAZARD (WHITE DIAMOND)

OX OXIDIZER
ACID ACID
ALK ALKALI
COR CORROSIVE
W USE NO WATER

SECTION 16: OTHER INFORMATION

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.