

MATERIAL SAFETY DATA SHEET

DYNA-CRUSH CONCRETE REMOVER

Section I

A-ONE CHEMICALS & EQUIPMENT, INC.

2902 East X Street
Deer Park, Texas 77536
Toll Free 877-644-1492

Emergency Telephone Number
(713) 644-1492

Telephone Number for Information
(713) 644-1492

Date Prepared
1/15/2014

Section II — Hazardous Ingredients/Identity Information

Hazardous Components

(Specific Chemical Identity: Common Name(s))

Carboxylic Acid
Phosphoric Acid

OSHA PEL

N/A
1 mg/m3

ACGIH TLV

N/A
STEL 3mg/m3

Other Limits
Recommended

None
None

% (optional)

-
-

HMIS NFPA

2	2	BLUE	HEALTH HAZARD
0	0	RED	FLAMMABILITY
0	0	YELLOW	REACTIVITY
None	None	WHITE	SPECIAL HAZARD

Section III — Physical/Chemical Characteristics

Boiling Point
236 F

Vapor Pressure (mm Hg.)
N/A

Vapor Density (AIR = 1)
N/A

pH
2 - 3

Specific Gravity (H)
1.1

Melting Point
50 F

Evaporation Rate (Butyl Acetate = 1)
1 to <1

Solubility in Water

Water Soluble

Appearance and Odor

Clear Liquid, mild acidic odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)

Does not flash

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

Use media appropriate for surrounding material.

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None

Section V — Reactivity Data

Stability

Unstable

Conditions to Avoid

Stable

X

Strong alkylies and strong oxidizers

Incompatibility (Materials to Avoid)

Neutralization occurs when product reacts with alkylies.

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry**Inhalation?**

Yes

Skin?

Yes

Ingestion?

Yes

Health Hazards (Acute and Chronic)

Acute: Mild irritation to the eyes & skin.

Chronic: Inflammation of eyes, skin, nasal membranes.

Carcinogenicity

None

NTP?

No

IARC Monographs?

No

OSHA Regulated?

No

Signs and Symptoms of Exposure

Eye-Redness, tearing or pain. Ingestion- Nausea, diarrhea, vomiting, abdominal pain.

Medical Conditions (Generally Aggravated by Exposure)

Persons with pre-existing eye, skin, respiratory or allergic conditions may be more sensitive.

Emergency and First Aid Procedures

Eyes: Immediately flush with water for 15 minutes.

Skin: Wash exposed areas with soap and water.

Ingestion: Do not induce vomiting, contact physician.
Seek medical assistance for further treatment if necessary.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Contain spill with inert material

Waste Disposal Method

Dispose according to local, state and federal laws and regulations.

Precautions to Be Taken in Handling and Storing

Keep out of reach of children. Replace caps on containers after use. Protect from physical damage.

Other Precautions

Store in cool, well-ventilated area away from heat and oxidizing agents.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Not Required

Ventilation	Local Exhaust N/A	Special Use upwind, ventilate enclosed areas
	Mechanical (General) N/A	Other

Protective Gloves.

Impermeable Rubber/PVC/Neoprene

Eye Protection

Chemical safety glasses/goggles

Other Protective Clothing or Equipment

Eyewash should be in close proximity.

Work/Hygiene Practices

All employees who handle this product should wash their hands after use.

Section IX — Regulatory Information

Carboxylic Acid does not contain chemical components that exceed the threshold reporting levels established by SARA Title III.

Phosphoric Acid is listed under SARA Title III

CAS Number: 7664-38-2

Fire	No
Reactive Hazard	No
Release of Pressure	No
Acute Health Hazard	Yes
Chronic Health Hazard	No