

MATERIAL SAFETY DATA SHEET

Decal Chemical Corp

P.O. Box 916

Tallman, NY 10982

EMERGENCY PHONE NUMBERS
1-800-428-5856

914-588-5019

Decal®

DATE OF ISSUE

March 11, 2004

PRODUCT DESCRIPTION

Decalcifying Reagent

TRADE NAMES

Decal®

MANUFACTURER

Decal Chemical Corporation
P.O. Box 916
Tallman, NY 10982

TELEPHONE

800-428-5856

FAX

845-357-2398

EMAIL

cberger@decal-bone.com

FORMULATION

Proprietary

INGREDIENTS

Deionised water - CAS #7732-18-5
Hydrochloric Acid - CAS #7647-01-0
Ethylenediaminetetraacetic Acid,
CAS #64-02-8

HAZARDOUS INGREDIENTS

Hydrochloric Acid - CAS #7647-01-0

NFPA HAZARD CLASSIFICATIONS

Health 1 (Hazardous)
Fire 0 (Will not burn)
Reactivity 0 (Stable)

BOILING POINT

103 Degrees Celsius (est)

SOLUBILITY

Completely miscible in water.

APPEARANCE

Clear, colorless liquid

ODOR

Slight

FLASH POINT

Extinguishes Flame

FIRE PROCEDURES

Toxic gases may be generated in fire situation.
Breathing apparatus recommended.

THRESHOLD LIMIT VALUE

None. Material is an aqueous organic.

REACTIVITY

Stable

INCOMPATIBILITY

May be corrosive to some metal parts.
Avoid excessive heating.
Avoid prolonged contact with skin.

Do not mix with Formaldehyde

IN CASE OF SPILLS

Flush with water to dilute. Sodium bicarbonate (baking soda, soda ashe) may be used to neutralize and soak up liquid.

DISPOSAL METHODS

Dispose of in accordance with local regulations for dilute (less than 3%) Hcl solutions. Decal may be neutralized by mixing carefully with a solution of Sodium Bicarbonate.

PRECAUTIONS

Do not mix with Formaldehyde

Do not store in direct sunlight.
Follow label directions carefully!
Avoid temperatures above 100 deg. F.

STORAGE

Equip storage area for ventilation in case of spills.

PROTECTIVE EQUIPMENT

Ventilation: recommended
Protective gloves: Neoprene or rubber

EYE PROTECTION

Chemical safety goggles
Other: Impervious apron and boots, eye bath, safety shower

FIRST AID

EYES: Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician at once.

SKIN: Immediately flush with water for at least 15 minutes. Call a physician. If clothing comes in contact with the product, the clothing should be removed immediately and should be laundered before re-use.

INGESTION: Immediately drink large quantities of water. DO NOT induce vomiting. Call a physician at once. DO NOT give anything by mouth if the person is unconscious or having convulsions.

DOT Labeling / Shipping Requirements

None. Product is not considered corrosive or otherwise hazardous by US DOT, CFR 49-173.136 and ASTM G 31-72.

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Decal Chemical Corporation makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Accordingly, Decal Chemical Corporation will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.