

**MATERIAL SAFETY DATA SHEET**

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

I-0 CLEAN

**SECTION I**

Distributor's Name

BRADY INDUSTRIES

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State &amp; ZIP Code) Telephone Number for Information

4175 SOUTH ARVILLE

(702) 876-3990

Date Prepared

LAS VEGAS, NEVADA 89103

3/01/2002

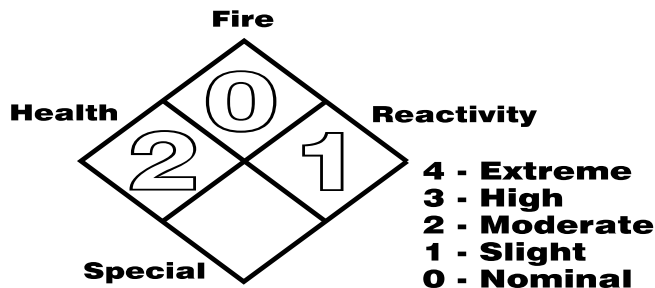
Signature of Preparer (optional)

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
*PHOSPHORIC ACID	CAS #7664-38-2	11mg/M <sub>3</sub>	NONE	5-15%
IODINE SURFACTANT COMPLEX	NONE	N/A	N/A	2-10%

DOT CLASS: CORROSIVE LIQUID N.O.S.  
(PHOSPHORIC ACID, MIXTURE)  
8, UN1760, PGIII

\*THIS CHEMICAL IS SUBJECT TO THE  
REPORTING REQUIREMENTS OF SECTION  
313 OF SARA TITLE III.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point	215°F	Specific Gravity (H <sub>2</sub> O = 1)	1.13
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	COMPLETELY SOLUBLE	pH	1

Appearance and Odor

DARK BROWN/BLACK LIQUID WITH IODINE ODOR

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
NOT FLAMMABLE	N/A	N/A	N/A

Extinguishing Media

USE MEDIA APPROPRIATE FOR SURROUNDING FIRE

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT

Unusual Fire and Explosion Hazards

IODINE FUMES

(Reproduce locally)

OSHA 174, Sept. 1985

**SECTION V - REACTIVITY DATA**

Stability	Unstable	Conditions to Avoid
	Stable	XXX

## HEAT AND STRONG ALKALI

Incompatibility (Materials to Avoid)

CAUSTIC ALKALIS SUCH AS CAUSTIC SODA, CHLORINE BLEACH, SULFIDES

Hazardous Decomposition or Byproducts

**Hazardous** May Occur

Conditions to Avoid

**Polymerization**

Will Not Occur

XXX

NONE

### **SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry:

Inhalation? Skin?

Ingestion?

NO

YES

YES

Health Hazards (Acute and Chronic)

THIS IS AN ACIDIC PRODUCT AND CAN BE CORROSIVE TO TISSUE ON PROLONGED CONTACT

Emergency and First Aid Procedures

EYES: FLUSH WITH WATER FOR 15 MINUTES AND GET IMMEDIATE MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER AND USE A SKIN CREAM. IF IRRITATION PERSISTS, SEE A DOCTOR.

INHALATION: MOVE TO FRESH AIR.

INGESTION: DO NOT INDUCE VOMITING. DRINK WATER, MILK, OR MAGNESIA IF POSSIBLE. GET IMMEDIATE MEDICAL ATTENTION.

**NOTE: DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

### **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to Be Taken in Case Material is Released or Spilled

WEAR FACE PROTECTION, RUBBER BOOTS, APRON AND GLOVES. DIKE SPILL WITH SAND OR CLAY TO KEEP IT OUT OF SEWER SYSTEM. NEUTRALIZE WITH SODA ASH. **NOTE:** REQUIRES GOOD VENTILATION AS CO<sup>2</sup> IS PRODUCED. PLACE NEUTRALIZED SPILL IN D.O.T. APPROVED DISPOSAL CONTAINER.

Waste Disposal Method

CONTACT STATE AND LOCAL AUTHORITIES FOR DETAILS.

Precautions to Be Taken in Handling and Storing

STORE IN A COOL, DRY AREA AWAY FROM ALKALIS. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE.

Other Precautions

KEEP OUT OF REACH OF CHILDREN

### **SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

NONE REQUIRED IF GOOD VENTILATION IS AVAILABLE

**Ventilation**

Local Exhaust

Special

IF AVAILABLE

NONE

Mechanical (General)

Other

IF AVAILABLE

NONE

Protective Gloves

RUBBER OR PLASTIC

Eye Protection

GOGGLES, GLASSES, OR FACE SHIELD

Other Protective Clothing or Equipment

RUBBER APRON AND BOOTS

Work/Hygienic Practices

USE CARE AND COMMON SENSE