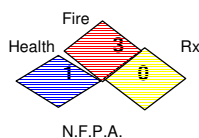


**LIBERTY POLISH**  
DELTA INDUSTRIES



**H.M.I.S. RATING**

<b>HEALTH</b>	<b>1</b>
<b>FIRE</b>	<b>3</b>
<b>REACTIVITY</b>	<b>0</b>
<b>P.P.E.</b>	<b>B</b>

**HAZARD RATING**

4= Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant  
\* Chronic Health Hazard

## MATERIAL SAFETY DATA SHEET

**DELTA INDUSTRIES**  
**191 S. GULPH RD.**  
**KING OF PRUSSIA, PA 19406**  
**CORPORATE 610-962-0200**

**1-800-565-5390 (24 HR. EMERGENCY)**

DATE PREPARED: 2/15/2008  
DATE REVISED: 08/22/06  
DATE OF ORIGATION 8/22/2006

**I. PRODUCT IDENTIFICATION: LIBERTY POLISH**

COMMON NAME: Solvent Cleaner  
GENERIC NAME: Wash  
CHEMICAL: Mixture  
CHEMICAL FAMILY:

All of this products ingredients are listed by TSCA .

**II. HAZARDOUS INGREDIENTS:**

Ingredients-	CAS	%	OSHA PEL	ACGIH TLV	ACGIH STEL
ISOPROPANOL	67-63-0	3.5	400ppm	400ppm	400 ppm
*AMMONIA(AQUA)	7664-41-7	1.5	25ppm	25ppm	35 ppm
CRYSTALLINE SILICA	14808-60-7	9	.1mg/m3	.1mg/m3	

\* Ingredients containing chemicals reportable under SARA Title III, Sec. 313. See MSDS Sec. IX.

**III. PHYSICAL / CHEMICAL CHARACTERISTICS:**

BOILING POINT:	148	APPEARANCE:	colorless to lt. amber
SPECIFIC GRAVITY:	1.1391	FORM:	liquid
MELTING POINT: (F)	nd	ODOR:	alcohol
FREEZING POINT: (F)	nd	VAPOR DENSITY:	nd
SOLUBILITY(H2O) 25 C:	DISPERSIBLE	pH	8.5 +/-1.0

# MATERIAL SAFETY DATA SHEET

LIBERTY POLISH

DELTA INDUSTRIES

## IV. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: DEGREES F: Less than 73F, <73F

AUTO IGNITION TEMPERATURE: (F) nd

LEL: nd UEL: n/d

EXTINGUISHING MEDIA: Used CO2, dry chemical or foam fire fighting equipment. Water may be used to cool fire-exposed containers. Wear self-contained breathing apparatus with full face piece.

## UNUSUAL FIRE / EXPLOSION HAZARDS:

Water may increase fire by spreading material.

HAZARDOUS DECOMPOSITION PRODUCTS: carbon oxides, hydrocarbons, steam

## V. REACTIVITY:

STABILITY: Stable

CONDITIONS TO AVOID: none known

## VI. HEALTH HAZARDS:

ROUTES AND INDICATIONS OF EXPOSURE:

PRECAUTIONS:

Avoid Contact With Eyes & Skin.

EYES: May cause irritation to eyes.

SKIN: May cause irritation to skin.

INHALATION: n/d

INGESTION: n/d

TOXICITY DATA: Listed by OSHA, NTP, ITRC, or EPA .

.

## EMERGENCY FIRST AID:

EYES:

Flush eyes for fifteen minutes with water. If irritation develops, seek medical attention.

SKIN:

Wash exposed areas with soap and water. If irritation develops, seek medical attention.

INHALATION:

Remove victim to fresh air or supply oxygen. Administer artificial respiration if victim is unconscious. Seek medical attention if victim is overcome by vapors or breathing difficulty persists.

INGESTION:

Seek medical attention immediately. If conscious, give victim two glasses of water to dilute ingested material. Do not induce vomiting. If victim begins to vomit involuntarily, keep head below hips to prevent aspiration; monitor for breathing difficulty.

## MATERIAL SAFETY DATA SHEET

LIBERTY POLISH  
DELTA INDUSTRIES

### VII. SPILL , DISPOSAL PROCEDURES AND SPECIAL HANDLING PRECAUTIONS:

#### HANDLING:

Keep container closed when not in use. Store at room temperature in well ventilated areas.  
Prevent product from freezing. Follow MSDS and label warnings even after package is empty.  
Do not cut, puncture, or weld on empty container. Ground all containers when transferring material. Not for use in pressure wash equipment. Product applications which generate dust, mist, or fumes may require exposure limit modification.

#### IN CASE OF MATERIAL SPILLAGE:

Wear protective equipment (Sec. VIII) Eliminate all ignition sources .  
Contain, then retrieve spilled materials ( absorb, pump, vacuum, shovel ) immediately ; prevent run off to drains , sewers , streams or other public water ways. See waste disposal section.  
For assistance call 1-800-565-5390 (24 HR. EMERGENCY)

#### WASTE DISPOSAL:

This material has a characteristic hazard which would regulate it under the federal regulation, Resource Conservation and Recovery Act. You should evaluate your waste before disposal.

Dispose of in accordance with all federal, state and local regulations.  
This material is not covered under S.A.R.A.(III) sec. 313.

### VIII. PERSONAL PROTECTIVE EQUIPMENT (P.P.E.):

#### PROTECTIVE EQUIPMENT:

Wear safety goggles and impervious gloves.

#### RESPIRATORY PROTECTION:

Supplied-air respiratory protection is recommended for confined spaces. Product should be used only if sufficient ventilation is provided to prevent inhalation of vapors. Ensure exposure levels are maintained below TLV/PELs.

#### ENGINEERING CONTROLS:

Keep containers closed when not in use. Do not handle or store near strong oxidants.

#### PERSONAL HYGIENE:

Minimize inhalation of vapors. Avoid prolonged skin contact.  
Remove contaminated clothing and wash before reuse. Rinse skin thoroughly after contact.

## MATERIAL SAFETY DATA SHEET

LIBERTY POLISH  
DELTA INDUSTRIES

### IX. REGULATORY INFORMATION

UN / NA # NA1993  
D.O.T. SHIPPING NAME: COMPOUNDS, CLEANING LIQUIDS,  
(contains ISOPROPANOL -  
**(RQ) Reportable Quantity lbs. = 6792**  
D.O.T. HAZARD CLASSIFICATION: 3 , NA1993, P.G. III  
D.O.T. EMERGENCY RESPONSE GUIDE NUMBER: 128  
R.C.R.A. : yes  
TSCA Registry: yes.

S.A.R.A. III Sec. 311 & 312: acute,chronic ,fire,  
S.A.R.A. III Sec. 313: This material is not covered under S.A.R.A.(III) sec. 313.

STATE(s) R-T-K:

H.S. List	CAS	
ISOPROPANOL	67-63-0	(See sec. II)
*AMMONIA(AQUA)	7664-41-7	(See sec. II)
CRYSTALLINE SILICA	14808-60-7	(See sec. II)

Others:	
BUFFER	>3%(See sec. II)
SURFACTANT	>3%(See sec. II)
WATER	>3%(See sec. II)
0	>3%(See sec. II)

NO WARRANTY IS EXPRESSED OR IMPLIED FOR SUITABILITY IN ALL SYSTEMS AND OPERATIONS. TEST THOROUGHLY FOR USE IN YOUR SYSTEM. OUR LIABILITY IS LIMITED TO REPLACEMENT OF PRODUCT OR PURCHASE PRICE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THIS PRODUCT IS SUITABLE FOR THEIR PURPOSES.