MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION								
NFPA Rating: Health-2; Flammability-0; Reactivity-0; Special - HMIS Rating: Health-2; Flammability-0; Reactivity-0; PersonalProtection-B								
Manufacturer's Name:	DO	DOT Hazard Classification: Non-Hazardous						
Address:	965 NORTH REDWOOD ROAD	lde	ntity (trade name as	used on lab	oel):			
NORTH SALT LAKE, UTAH 84054			Shiny NRC					
Date Prepared: 01/10/2002 Prepared By: Stan			MSDS Number: Revision - 1					
Information Calls: (801)295-5022 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA								
EMERGENCY RESPONSE NUMBER: 1(800)366-5022								
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION								
	NAMES AND COMMON NAMES		CAS Number	SARA	OSHA PEL	ACGIH	Carcinogen	
<u> </u>	6 or greater; Carcinogens 0.1% or greater)		== =	III LIST	(ppm)	TLV (ppm)	Ref. Source **	
BUTYL CELLOSOLVE			111-76-2	Yes	25	25	d	
SECTION 2 - PH	YSICAL/CHEMICAL CHARACTERISTICS							
Boiling Point: >212°F			Specific Gravity					
V B DOIG 6	700F (A) N/A	.,	(H2O=1): 1.08	1. \				
• • • • • • • • • • • • • • • • • • • •			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D Evaporation Rate (water = 1): >1.0					
Solubility in Water: Total	VD	_	er Reactive: No	= 1). >1.	U			
Appearance and Odor: Red Clear liquid with sweet orange odor.								
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA								
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A Auto Ignition Temperature N/A								
Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A								
FLASH POINT AND METHOD USED (non-aerosols): None								
SPECIAL FIRE FIGHTING PROCEDURES: None identified. EXTINGUISHER MEDIA: Product is not considered combustible.								
Unusual Fire & Explosion Hazards: None identified.								
SECTION 4 - REACTIVITY HAZARD DATA								
STABILITY [X] STABLE [] UNSTABLE HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR								
Incompatibility (Mat. to avoid): Bare or reactive metals. Conditions to Avoid: Exposure to bare or reactive metals.								
Hazardous Decomposition Products: None identified.								
SECTION 5 - HEALTH HAZARD DATA								
PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS								
ACUTE EFFECTS Inhalation: May cause irritation to mucous membranes.								
Eye Contact: Mild irritation. Skin Contact: Mild irritation.								
Ingestion: May cause gastrointestinal irritation.								
CHRONIC EFFECTS: None identified.								
Medical Conditions Generally Aggravated by Exposure: None identified.								
EMERGENCY FIRST AID PROCEDURES								
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.								
Skin Contact: Wash with so	oap and water. Remove contaminated clothing.							
Inhalation: Remove to fresh air.								
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.								
	SECTION 6 - CONTROL AI	ND P	ROTECTIVE MEAS	JRES				
	pecify type): None required.	F	Dustastian: Canalas	f-t	Jacoba			
Protective Gloves: Rubber, if desired. Eye Protection: Goggles or safety glasses. Ventilation Requirements: None required.								
Other Protective Clothing & Equipment: Boots & splash apron, if desired.								
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling. Remove contaminated clothing.								
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE								
Steps To Be Taken If Material Is Spilled Or Released: Contain spill & dilute with clear water. Large spills should be absorbed on inert material for deep burial.								
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.								
Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme								
heat and cold. Store in dry area.								
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.								
1								

^{**} Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only