



MATERIAL SAFETY DATA SHEET

L A B O R A T O R I E S

320 37th Avenue • St. Charles, Illinois 60174 • To Reorder, Call 800-323-2594

PRODUCT IDENTIFICATION
UNITED 550
PURPLE POWER

USE / DESCRIPTION
Universal Industrial
Stength Cleaner

REVISION DATE
April 25, 2002

**FOR MEDICAL AND
TRANSPORTATION EMERGENCIES:**
INFOTRAC: 800-535-5053

HEALTH (0 = Maximum Safety) 1
Always follow Label Directions and Cautions.
4 Extreme. 3 High. 2 Moderate. 1 Slight. 0 Minimal.
**See Health Hazard Data Section of this M.S.D.S.
for more detailed information.**

REACTIVITY (0 = Maximum Safety) 0
Susceptible to Release of Energy.
4 May detonate-vacate area if
Materials are exposed to fire.
3 Strong shock of heat may
detonate-use monitors from
behind explosion resistant
barriers.
2 Violent chemical change
possible-use hose stream
from distance
1 Unstable if heated-use
precaution.
0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 0
Susceptibility of Material to Burning.
4 Extremely flammable. 1 Must be preheated to burn.
3 Ignites at normal temperature. 0 Will not burn.
2 Ignites when moderately heated.

**PERSONAL
PROTECTION**



HAZARDOUS COMPONENTS IDENTITY, EXPOSURE LIMITS AND S.A.R.A. TITLE III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TWA	ACGIH STEL	OSHA PEL	OTHER RECOMMENDED LIMITS	S.A.R.A. TITLE III QUANTITIES
----------------------	------------	-----------	------------	----------	--------------------------	-------------------------------

In accordance with Federal Regulation 29 CFR 1910.1200, all materials in this product are considered non-hazardous.

This product does not contain materials reportable under SARA Title III Section 313.

This product does not contain materials regulated by California's Proposition 65.

This product Is not controlled under Canada's WHMIS.

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT Greater than 212°F.	SPECIFIC GRAVITY (H₂O = 1) 1.04
VAPOR PRESSURE (mm Hg.) (At 77° F.) Approximately 17.5	MELTING POINT Not determined
VAPOR DENSITY (Air = 1) Not determined	EVAPORATION RATE (Water = 1) Approx. 1.0
SOLUBILITY IN WATER Complete	VOLATILE ORGANIC COMPOUNDS (V.O.C.) (Pounds Per Gallon Of Product) None
APPEARANCE AND ODOR Clear, syrupy liquid with purple color and very little odor.	pH: Concentrate 10 - 11

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) None	FLAMMABLE LIMITS None	LEL None	UEL None
--	---------------------------------	--------------------	--------------------

EXTINGUISHING MEDIA
Water, dry chemical, foam or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES
Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS
None known

REACTIVITY DATA

STABILITY:	STABLE <input checked="" type="checkbox"/> UNSTABLE <input type="checkbox"/>	CONDITIONS TO AVOID None known
INCOMPATIBILITY (Materials To Avoid) Do not mix this product with other chemicals.		
HAZARDOUS DECOMPOSITION OR BYPRODUCTS When heated strongly, as in a fire, this product may produce carbon dioxide, carbon monoxide and oxides of nitrogen and phosphorous.		
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR <input checked="" type="checkbox"/> MAY OCCUR <input type="checkbox"/>	CONDITIONS TO AVOID None known	

HEALTH HAZARD DATA

HEALTH HAZARDS EYES: May cause irritation. SKIN: Prolonged or repeated contact may cause irritation. INHALATION: Mists of this product may irritate nasal passages.			
IF SWALLOWED: May cause damage to the mouth, esophagus, stomach and other contacted tissues.			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
This product contains a chemical known to the state of California to cause cancer or reproductive toxicity? No			
SIGNS AND SYMPTOMS OF OVEREXPOSURE EYES: Irritation, tearing, burning sensation SKIN: Irritation INHALATION: Coughing, irritation of nose, throat, and mucous membrane			
IF SWALLOWED: Burning sensation in mouth, throat and stomach, and may cause gastric disturbance			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE Pre-existing skin disorders			
TARGET ORGANS Eyes and skin			
EMERGENCY AND FIRST AID PROCEDURES EYES: Flush with plenty of cool water for at least 15 minutes while holding eyelids open. Call a physician or poison control center.			
SKIN: Wash thoroughly with soap and water. If irritation persists, call a physician or poison control center.			
INHALATION: Remove to fresh air. Apply CPR if needed. If irritation persists call a physician or poison control center.			
IF SWALLOWED: Do NOT induce vomiting. If conscious, give several glasses of water to dilute product. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.			

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED If this material is released or spilled, flush up to one gallon of product with water to the nearest sewer to drain. For larger quantities, dike spill and collect on suitable absorbent and place in container for proper disposal.	
WASTE DISPOSAL METHOD Consult local, state, and federal authorities for proper disposal guidelines.	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep containers tightly closed. Store in a cool, dry place. Keep closed containers from hard freezing, as this could cause the drum to rupture.	

CONTROL MEASURES FOR USE WHERE SIGNIFICANT EYE, SKIN OR INHALATION EXPOSURE IS LIKELY

RESPIRATORY PROTECTION (Specify Type) Not normally required	
VENTILATION: MECHANICAL (General) Not normally required	LOCAL EXHAUST Generally adequate
PROTECTIVE GLOVES Rubber gloves	EYE PROTECTION Safety glasses
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Shirts with long sleeves are recommended.	
WORK HYGENIC PRACTICES Wash hands and face with soap and water after using this product.	