

**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

M.S.D.S. # **10104** Date Prepared : **8/22/03** By : **Regulatory Dept.** Page 1 of 2

SECTION 1 - PRODUCT IDENTIFICATION	
Distributor : TRI-STAR INDUSTRIAL PRODUCTS	Emergency Phone : INFOTRAC - HOT LINE (800) 535 - 5053
Address : 12049 Regentview Ave, Downey, Ca. 90241	Product Type : MULTI-USAGE CLEANER, DEGREASER & GRIME REMOVER
Trade Name : <b>TRI-STAR (MVP)</b>	Chemical Family : MIXTURE

SECTION 2 - HAZARDOUS INGREDIENTS				
CHEMICAL NAME/COMMON NAME :	CAS. NO.	% OPT.	TLV (Source)	OSHA PEL
Sodium Metasilicate	6834-92-0		Not Established	Not Established
EDTA, NA4	64-02-8		Not Established	Not Established
Surfactant Blend (Proprietary)	Mixture		Not Established	Not Established

\* These materials are subject to the reporting requirement under the Superfund Amendments and Reauthorization act of 1980 (SARA) Title III, section 313 and CFR part 372  
 \*\* Proposition 65: This product contains detectable amounts of chemicals known to the State of California to cause cancer and/or birth defects or other reproductive toxicity.

SECTION 3 - PHYSICAL DATA		
Boiling Point : Approximately 212°F	Specific Gravity (H <sub>2</sub> O=1) : 1.042 +/- 0.005	pH 12.0 Neat (as is)
Vapor Pressure (mmHg) ND	Vapor Density (Air=1) Approximately 1.0	
Solubility in Water Complete at all ratios		Evaporation Rate (ETHER=1) About same as water.

Appearance and odor : Clear, Reddish colored, odorless liquid.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA		
Flash Point : None Flammable	Flammable Limits : Upper--	NA
Extinguishing Media : Product is non-combustible. Water spray (FOG), Dry chemical, CO <sub>2</sub> or Foam may be used where product is stored.	Lower--	NA
Special Firefighting Procedures : Fire fighters should wear self-contained breathing apparatus & protective clothing when fighting chemical fires.		
Unusual Fire and Explosion Hazards : None Known.		

SECTION 5 - REACTIVITY DATA	
Stability : STABLE -- <input checked="" type="checkbox"/> UNSTABLE -- <input type="checkbox"/>	
Hazardous polymerization : WILL OCCUR - <input type="checkbox"/> WILL NOT OCCUR - <input checked="" type="checkbox"/>	
Incompatibility : Avoid strong acids.	
Decomposition Products : When exposed to fire, produces normal products of combustion.	
Conditions to Avoid : Keep away from strong acids.	

SECTION 6 - HEALTH HAZARD DATA	
<i>SYMPTOMS OF ACUTE HEALTH HAZARDS</i>	
ROUTES OF EXPOSURE	EYES <input checked="" type="checkbox"/> SKIN <input checked="" type="checkbox"/> ORAL <input type="checkbox"/> INHALATION <input type="checkbox"/>
EYES :	May cause irritation, reddening and tearing upon direct eye contact.
SKIN :	May cause a slight to mild irritation and possible drying of the skin in contact area.
INGESTION :	None Known
INHALATION :	None Expected.
CHRONIC HEALTH HAZARDS :	None expected, however some individuals with chronic respiratory disorders may be adversely affected by exposure to mists or airborne particulate.

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SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

EYES: Immediately flush eyes with plenty of clear, running cool water for at least 15 minutes while holding lids apart. If irritation persists seek medical attention.

SKIN: Rinse skin with plenty of water. Wash contaminated clothing prior to reuse. If irritation develops, seek medical attention.

INGESTION: Obtain medical attention.

INHALATION: No special requirements, however if symptoms of overexposure are experienced, remove to fresh air. If symptoms persist seek medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None normally required.

VENTILATION REQUIREMENTS: General room ventilation.

PROTECTIVE CLOTHING:  Safety glasses/Goggles

Gloves, Rubber or Chemical Resistant:

Apron:

Other:

Provide nearby safety shower & eye washing facilities.

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling.

SECTION 9 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF RELEASED OR SPILLED: Dike area to prevent spread of the liquid. Pump or transfer spilled uncontaminated product into clean containers for reuse. Absorb contaminated product with an inert material and place the contaminate into an appropriate waste container for disposal.

WASTE DISPOSAL METHODS: Consult local, state and federal regulations before disposing of this material.

SECTION 10 - STORAGE AND HANDLING INFORMATION

PRECAUTIONS TO BE TAKEN FOR HANDLING AND STORAGE: Keep container closed when not in use. Avoid contact with eyes and skin. Store between 40° - 100° F. Keep away from children.

ADDITIONAL INFORMATION

TRANSPORTATION DOT: Not Regulated

Product is Biodegradable.

Product contains no V.O.C.'s (Volatile Organic Compounds), no H.A.P.'s (Hazardous Air Pollutant), nor any ODC's (Ozone Depleting Chemicals).

The information herein is given in good faith. No warranty expressed or implied is made. Any use of this data and information must be determined by the user to be in accordance with applicable Federal, State, and Local laws and regulations.

NA = Not Applicable    ND = Not Determined    NDA = No Data Available

HMIS  
HAZARD  
RATING

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
SPECIAL	X

0-LEAST  
1-SLIGHT  
2-MODERATE  
3-HIGH  
4-EXTREME