



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: No. 54 S.E.X. TYPE WASH

Chemical names, common names: Hydrocarbon Solvent Blend

Manufacturer's Name: HURST CHEMICAL COMPANY.

Address: 2500 San Fernando Road, Los Angeles CA 90065

DOT INFORMATIONS: Flammable liquids, n.o.s., 3, UN 1993, PG II (Contains naphtha, petroleum)

For Product Information, call : (323) 223-4121

FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

II. HAZARDOUS INGREDIENTS

<u>Chemical Names</u>	<u>CAS Number</u>	<u>Exposure Limits in Air</u>	
		<u>ACGIH (TWA)</u>	<u>OSHA (PEL)</u>
Naphtha	8032-32-4	300 ppm	300 ppm
Xylene	1330-20-7	100 ppm	100 ppm
Methyl ethyl ketone	78-93-3	200 ppm	200 ppm
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR 372.

<u>Listed Ingredients</u>	<u>CAS Number</u>	<u>Weight % Range</u>
Xylene	1330-20-7	18.00
Methyl ethyl ketone	78-93-3	10

III. PHYSICAL PROPERTIES

Vapor density (air = 1): 3.41

Specific Gravity: 0.78

Density lb/gal: 6.5

Solubility in water: 25%

VOC Composite Partial Pressure, mm Hg at 20°C: 18.9

Evaporation rate (Bu Ac = 1): >1

Boiling Range °F: 133-300

Appearance and odor: Clear liquid with solvent odor.

Photochemical Reactivity Rule-102: Non Photochemically Reactive. Ingredients, Volume % = 18%

Volatile Organic Content (VOC,EPA Method 24): 777 gm/l or 6.5 lb/gal

IV. FIRE AND EXPLOSION

HAZARD RANKING

HMIS	Health Hazard=2	0=Least	4=Extreme
HAZARD	Flammability=3	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Other= Safety Glasses & Gloves	3 = High	

Flash Point °F: 24 TCC

Flammable class: IB

Flammable limits in air, volume%: lower 0.9 upper 36

Fire extinguishing materials: No water spray Yes carbon dioxide Yes foam
Yes dry chemical N/A other

Special firefighting procedures: Flashback along vapor trail may occur. This material is extremely flammable and may be ignited by heat, sparks, flame or static electricity.

Unusual fire and explosion hazards: The use of self-contained breathing apparatus is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Irritation of nose and throat, signs of nervous system depression, dizziness, loss of coordination and fatigue, nausea, arrhythmias, pulmonary edema, visual disturbances (including blindness), nausea and vomiting.

Contact with eyes: Severe eye irritant. Direct contact with the liquid, may cause stinging, tearing, redness, swelling and eye damage.

Absorbed through skin: Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

Swallowed: Signs of nervous system depression, dizziness, loss of coordination, and fatigue abdominal pain, visual disturbance, (including blindness), convulsions, coma, death.

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Irritation of nose and throat, nervous system depression.

Chronic: Visual disturbances (including blindness, liver, kidney and brain damage).

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Move victim away from exposure to vapors and into fresh air, flush eyes with clean water for at least 20 minutes. Seek medical attention.

Skin contact: Remove contaminated clothing, cleanse affected areas, thoroughly by washing with mild soap and water. Seek medical attention.

Inhaled: Move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention.

Swallowed: If victim is drowsy or unconscious, place on the left side with the head down and do not give anything by mouth. Seek emergency medical attention.

COMMENTS: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Xylene an ingredient in this product has been found to cause harm to the fetus in the laboratory animal studies. The relevance of these findings to humans is uncertain.

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): This product forms combustible and/or explosive mixtures with air and/or oxygen.

This product is incompatible with strong acids or bases oxidizing agents, selected Amines, Anhydride, Isocyanate, Acetaldehyde, chlorine, ethylene oxide, hydrogen peroxide, organometallic contaminants, Aluminum.

Hazardous decomposition products (including combustion products): Carbon monoxide and/or carbon dioxide.

Hazardous polymerization: Will not occur.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. A universal type foam can be used to suppress vapors. Keep spill out of drains, sewers or waterways. Use sand to contain spill. Do not flash area with water. Call spill response team if large spill. Notify appropriate state/local agencies.

Preparing wastes for disposal: Dispose of product in accordance with local, county, state, and federal regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits, additional ventilation or exhaust systems may be required, where explosive mixtures may be present, electrical systems safe for such locations must be used.

Respiratory Protection: Depending on the airborne concentration, use a respirator or gas mask with appropriate cartridges and canisters (NIOSH-approved).

Eye Protection: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

Gloves: The use of nitrile gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

Other clothing and equipment: It is suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

Work practices, hygienic practices: Practice personal cleanliness by prompt removal of solvent in contact with skin. Train all employees on special handling procedures prior to working with this product.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death. "Empty" drums should be completely drained, properly bunged and promptly shipped to the supplier or a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations

HURST CHEMICAL COMPANY furnishes Material Safety Data Sheets based upon information from raw material suppliers. This information is provided in compliance with Federal Regulation 29CFR 1910.

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