



UNIVERSAL PRODUCTS SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: TFX Cleaner

Effective Date: 6/1/15

Supersedes: 1/21/08

Recommend Use:

Cleaning surfaces in preparation for vinyl graphic applications.

Other Means of Identification:

Product Type: Liquid

Supplier Details:

Universal Products

521 Industrial Street

Goddard, Kansas 67052

Emergency Telephone:

CHEMTREC (800) 424-9300

SECTION 2 — HAZARDS IDENTIFICATION

OSHA/HCS Status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of

FLAMMABLE LIQUIDS – Category 3

Substance or Mixture:

SKIN CORROSION/IRRITATION – Category 2

SERIOUS EYE DAMAGE/EYE IRRITATION – Category 2A

ASPIRATION HAZARD – Category 1

SPECIFIC TARGET ORGAN TOXICITY (Respiratory irritation) – Category 3

GHS Label Elements:

Hazard Pictograms:



Signal Word:

Warning.

Hazard Statements:

Flammable liquid and vapor.

Causes serious eye irritation.

Causes skin irritation.

May be fatal if swallowed and enters airways.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Precautionary Statements:

General:

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention:

Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces – No Smoking. Use explosion-proof electrical, ventilation, and lighting on all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling.

SECTION 2 — HAZARDS IDENTIFICATION

Response:	IF INHALED: Remove victim to fresh air and keep at rest position for comfortable breathing. Call POISON CENTER or physician if feeling unwell. IF SWALLOWED: Immediately call POISON CENTER or physician. DO NOT induce vomiting. IF ON SKIN: Take off contaminated clothing. Rinse water or shower, wash with plenty of soap and water. If skin irritation occurs, get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, get medical attention.
Storage:	Store in a well ventilated area and keep cool.
Disposal:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental Label Elements:	Eliminate sources of ignition. Avoid spark promoters. Ground/bond containers and receiving equipment.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Substance - Mixture

Hazardous Ingredients (<i>specific</i>)	% by Volume	CAS Number
Heavy Naphtha, Hydrotreated	0-10%	64742-48-9
Middle Distillate, Sweetened	0-10%	64741-86-2
Xylenes (mixed)	<2%	1330-20-7

SECTION 4 — FIRST AID MEASURES

Skin Contact:	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call POISON CENTER or physician. Wash clothing before reuse and clean shoes thoroughly before reuse.
Eye Contact:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If necessary, call a POISON CENTER or physician.

SECTION 4 — FIRST AID MEASURES

If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion:

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick, as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use dry chemical, CO₂, water spray (fog) or foam.

Media:

Unsuitable Extinguishing Media: Do not use water jet.

Media:

Specific Hazards Arising from the Chemical: Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewers may create fire or explosion hazard.

Hazardous Thermal Decomposition Products: Decomposition products may include the following materials: carbon dioxide and carbon monoxide.

Special Protective Actions for Fire Fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire exposed containers cool.

Special Protective Equipment for Fire Fighters: Fire fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Small Spill: Stop leak if without risk. Move containers from spill area. Use spark proof tools and explosion proof equipment. Dilute with water and mop up if water-soluble. Alternately, or if water insoluble; absorb with an inert dry material and dispose of in the appropriate waste container. Dispose of via a licensed waste disposal contractor.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Large Spill:

Stop leak if without risk. Move containers from spill area. Use spark proof tools and explosion proof equipment. Dilute with water and mop up if water-soluble. Prevent entry into sewers, waters, basements, or confined areas alternately, or if water insoluble; absorb with an inert dry material and dispose of in the appropriate waste container. Collect spillage with non-combustible absorbent material, and place into appropriate container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

SECTION 7 — HANDLING AND STORAGE**Precautions:**

Do not breathe gas, fumes, vapor, or spray. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes keep away from oxidizing agents, reducing agents organic materials, metals and alkalis. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Handling:

Protect against physical damage. Store between 40 and 120°F. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. The unused/spilled material may be hazardous waste as defined by Federal, State and local laws and regulations and must be managed according to the appropriate jurisdiction.

SECTION 8 — EXPOSURE CONTROL/PERSONAL PROTECTION**Respiratory Protection:**

Respiratory protection is not required under normal conditions of use. If workplace exposure limit(s) of product or any component is exceeded, a NIOSH-approved air purifying respirator used in accordance with the OSHA Respiratory Protection Standard [29 CFR1910.134] is recommended in the absence of adequate ventilation during normal use (see your industrial hygienist). Emergency response/release cleanup may require additional respiratory protection, including SCBAs. Administrative or engineering controls should be implemented to reduce exposure.

Engineering Measures:

Provide sufficient mechanical ventilation.

Hand Protection:

Wear chemical resistant gloves.

Eye Protection:

Wear safety glasses.

Skin and Body Protection:

Wear normal work clothing including long pants, sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

Hygiene Measures:

Eyewash and safety shower should be easily accessible. Avoid contact with eyes and skin. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White
Physical State:	Liquid
Odor:	Aliphatic
pH:	Neutral
Vapor Pressure:	Highest known value 6mm of Hg (@20C).
Vapor Density:	The highest known value is 3.7 (air-1).
Boiling Point:	Lowest known value is 138.5 C (281.3 F).
Freezing/Melting Point:	No data available.
Solubility:	Insoluble in water. Easily soluble in Methanol, Diethyl Ether. Soluble in Acetone.
Spec Grav./Density:	Weighted average .98 (Water-1).

SECTION 10 — STABILITY AND REACTIVITY

Stability:	Yes
Conditions to Avoid:	Keep away from ignition sources, heat, sparks or flames.
Materials to Avoid:	Oxidizers
Hazardous Decomposition	Carbon Monoxide and other hazardous chemicals.
Products:	
Hazardous Polymerization:	Will not occur.

SECTION 11 — TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No data available.

SECTION 12 — ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with local, state, and federal regulations. The generation of waste should be avoided or minimized whenever possible.

SECTION 14 — TRANSPORT INFORMATION

DOT Classification:

UN Number:	NA1993
UN Proper Shipping Name:	Combustible liquid, n.o.s (Xylenes mixed, Petroleum Distillates)
Transport Hazard Class:	Combustible liquid
Packing Group:	III
Environmental Hazards:	No

SECTION 14 — TRANSPORT INFORMATION

International Classification:

UN Number: UN1993

UN Proper Shipping Name: Flammable Liquid, n.o.s (Contains Xylenes mixed, Petroleum Distillates) Flash Point 60 F. (15.56 C)

Transport Hazard Class: Flammable Liquid

Packing Group: II

Environmental Hazards: No

SECTION 15 — REGULATORY INFORMATION

Federal and State Regulations: *SARA 302/304/311/312 extremely hazardous substances: No products were found; SARA 313 toxic chemical notification and release reporting: Xylenes (mixed); CERCLA hazardous substances: Xylenes (mixed).*

HMIS/NFPA: **NFPA Rating:** Health: 2 Flammability: 2 Instability: 0
NFPA Hazard Rating: 4 = severe, 3 = high, 2 = moderate, 1 = slight, 0 = minimal

SECTION 16 — OTHER INFORMATION

The information contained herein is based on data considered accurate to the best of our knowledge at the date of its publication. However, no warranty is expressed or implied regarding the accuracy, completeness, or adequacy of the information contained herein.