

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Truant Auramine-Rhodamine
SYNONYMS: TB Auramine-Rhodamine T Stain
CATALOG CODES: VAT
MANUFACTURER: Volu-Sol
ADDRESS: 5095 West 2100 South
 Salt Lake City, UT 84120
EMERGENCY PHONE: (800) 535-5053
OTHER CALLS: (801) 974-9474
FAX: (801) 974-9553
CHEMICAL FAMILY: -
CHEMICAL FORMULA: -
PREPARED BY: Volu-Sol

RECOMMENDED USE: Laboratory chemical, manufacture of substances

RESTRICTIONS ON USE: Use as recommended

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW:

GHS Classification: Flammable Liquids (Category 3)
 Acute Toxicity, Oral (Category 4)
 Acute Toxicity, Inhalation (Category 4)
 Skin Corrosion (Category 1B)
 Serious Eye Damage (Category 1)
 Germ Cell Mutagenicity (Category 2)
 Specific Target Organ Toxicity - Single Exposure - Respiratory System (Category 3)
 Specific Target Organ Toxicity - Repeated Exposure - Liver, Kidney (Category 2)

GHS LABEL ELEMENTS:

Pictogram:



Signal Word:

Danger

Hazard Statement(s):

H226 Flammable liquid and vapour
 H302+H332 Harmful if swallowed or if inhaled
 H314 Causes severe skin burns and eye damage
 H318 Causes serious eye damage
 H335 May cause respiratory irritation
 H341 Suspected of causing genetic defects
 H373 May cause damage to organs through prolonged or repeated exposure

Precautionary Statement(s):

P201 Obtain special instructions before use
 P202 Do not handle until all safety precautions have been read and understood
 P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
 P233 Keep container tightly closed
 P240 Ground/bond container and receiving equipment
 P241 Use explosion-proof electrical/ventilating/lighting equipment
 P242 Use only non-sparking tools
 P243 Take precautionary measures against static discharge
 P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray
 P264 Wash skin thoroughly after handling
 P270 Do not eat, drink or smoke when using this product
 P271 Use only outdoors or in a well-ventilated area
 P280 Wear protective gloves/protective clothing/eye protection/face protection
 P301+P312+P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
 P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician
 P308+P313 IF exposed or concerned: Get medical advice/attention
 P321 Specific treatment (see supplemental first aid instruction on this label)
 P363 Wash contaminated clothing before reuse
 P370+P378 In case of fire: Use CO₂, dry chemical, or foam for extinction
 P403+P233 Store in a well-ventilated place. Keep container tightly closed
 P403+P235 Store in a well-ventilated place. Keep cool
 P405 Store locked up
 P501 Dispose of contents/container to an approved waste disposal plant

OTHER HAZARDS:

HMIS Classification:

Health hazard: 3
Chronic health hazard: -
Flammability: 3
Physical hazards: 0
NFPA Rating:
Health hazard: 3
Fire: 3
Reactivity Hazard: 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO. EC-NO. Index-NO.
Glycerol (50-60%)	56-81-5 200-289-5
Phenol (6-8%)	108-95-2 203-632-7 604-001-00-2
2-Propanol (13-14%)	67-63-0 200-661-7 603-117-00-0
4,4'-Carbonimidoylbis(n,N-dimethylaniline) monohydrochloride (1-2%)	2465-27-2 219-567-2 612-097-00-2
9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride (<1%)	81-88-9 201-383-9

SECTION 4: FIRST AID MEASURES

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

SKIN: Take off contaminated clothing. Wash off with soap and plenty of water. Consult a physician

EYE: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR: **Percentage by Volume**
 Upper: -%
 Lower: -%

FLASH POINT: 48 °C / 118.4 °F

AUTOIGNITION TEMPERATURE: -

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

FIRE FIGHTING PROCEDURES: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode

FIRE AND EXPLOSION HAZARDS: -

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Remove all sources of ignition. Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from heat and sources of ignition. Use only non-sparking tools. Take precautionary measures against static discharges

INCOMPATIBILITIES: Strong oxidizing agents

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: Reported in a time-weighted average (TWA)

Component	CAS-No.	OSHA		ACGIH	
		ppm	mg/m ³	ppm	mg/m ³
Glycerol	56-81-5		5 PEL		10 TLV
Phenol	108-95-2	5 PEL	19 PEL	5 TLV	19 TLV
2-Propanol	67-63-0	400 PEL	980 PEL	200 TLV	

PERSONAL RESPIRATORS: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

SKIN PROTECTION: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands

EYE PROTECTION: Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: liquid, Dark Amber
ODOR: -
SOLUBILITY: -
pH: 2.0-3.0
BOILING POINT: -
MELTING POINT: -
VAPOR PRESSURE: -
SPECIFIC GRAVITY: -
MOLECULAR WEIGHT: -
DENSITY: -
VISCOSITY: -
REFRACTIVE INDEX: -

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under recommended conditions of use and storage

CONDITIONS TO AVOID: Incompatible products. Excess heat. Keep away from open flames, hot surfaces and sources of ignition

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No data available

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity: No data available
Skin/Eye Irritation: No data available
Carcinogenicity: IARC: 3-Group 3: not classifiable as to its carcinogenicity to humans (Phenol; 9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride; 2-Propanol)

ROUTES OF ENTRY: -

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Toxicity: No data available
Persistence and degradability: No data available
Mobility in soil: No data available
PBT/vPvB Results: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material

SECTION 14: TRANSPORT INFORMATION

US DOT	IATA	IMDG/IMO
Shipping Name: Alcohols, n.o.s.	Shipping Name: Alcohols, n.o.s.	Shipping Name: ALCOHOLS, N.O.S.
Hazard Class: 3	Hazard Class: 3	Hazard Class: 3
UN Number: 1987	UN Number: 1987	UN Number: 1987
Packing Group: III	Packing Group: III	Packing Group: III

SECTION 15: REGULATORY INFORMATION

SARA 313	108-95-2, 67-63-0, 81-88-9
SARA 311/312 Hazards	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
State	Right to know lists: MA: 56-81-5, 108-95-2, 67-63-0, 81-88-9 PA: 56-81-5, 108-95-2, 67-63-0, 81-88-9, 7732-18-5 NJ: 56-81-5, 108-95-2, 67-63-0, 2465-27-2, 81-88-9, 7732-18-5 California Prop. 65 Components: 81-88-9

SECTION 16: OTHER INFORMATION

Disclaimer: The information is provided without any representation or warranty, express or implied, regarding the accuracy or correctness. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product.