

M A T E R I A L S A F E T Y D A T A S H E E T

24-hour Emergency Phone: 800-424-9300

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PRODUCT CODE: 146

PRODUCT NAME: YELLOW STANDARD DRY
 PRODUCT CODE: 146

HMIS CODES: H C F R P
 0 0 0 0 X

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: American Traffic Products, Inc.

ADDRESS : 14848 Whittram Ave.
 Fontana, CA, 92335

INFORMATION PHONE : 1 (909) 356-2130

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===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS:

	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
BUTOXYETHANOL OSHA (PEL) 500 PPM SKIN ACGIH (TWA) 20 PPM	111-76-2	0.4	68 F	0% to 5%
TRIMETHYL-1, 3-PENTANEDIOL MONOISOBUTYRATE	25265-77-4	1.3	68 F	0% to 5%
AMMONIUM HYDROXIDE OSHA (PEL) 50 PPM ACGIH (TLV) 25 PPM, 35 PPM (STEL)	1336-21-6	115	68 F	0% to 5%

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 149 TO 489.2 F SPECIFIC GRAVITY (H2O=1): 1.4056
 BOILING POINT: 149 F
 VAPOR DENSITY: Heavier than air EVAPORATION RATE: Slower than ether.
 COATING V.O.C.: 0.5068 lb/gl MATERIAL V.O.C.: 0.2061 lb/gl
 SOLUBILITY IN WATER: Completely/soluble
 APPEARANCE AND ODOR: Opaque liquid with ammonia odor.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 201 F
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.3 UPPER: 27.0 %

EXTINGUISHING MEDIA:

Small fires: use foam, carbon dioxide, dry chemical, or water spray.
 Large fires: use foam, water spray, or fog.

SPECIAL FIREFIGHTING PROCEDURES:

Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to prevent pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This material will burn, but will not ignite readily.

===== SECTION V - REACTIVITY DATA =====

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks, and open flames.

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid strong oxidizing agents, acids and bases.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

May liberate smoke, soot, and toxic fumes (carbon monoxide and carbon dioxide).

HAZARDOUS POLYMERIZATION: Will not occur

=====**SECTION VI - HEALTH HAZARD DATA**=====**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Avoid prolong or repeated inhalation of paint due to ammonia vapor. Ammonia vapor may cause irritation (possibly severe), lack of sense of smell, nausea, vomiting, chest pain, difficulty breathing, headache or shock. Symptoms may be delayed.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin: Repeat or prolonged contact may cause skin irritation with discomfort and/or an allergic skin reaction. Symptoms may include redness, burning, drying and cracking.

Eye: Will cause severe eye irritation with discomfort of tearing, blurred vision and swelling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use. However, repeated or prolonged contact with product may cause skin irritation with discomfort and cause an allergic reaction.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Also, may enter lungs during swallowing or vomiting resulting in lung inflammation and damage.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute: May cause irritation to skin, eye, and respiratory system with headache, nausea, dizziness.

Chronic: Ingestion of this product will cause central nervous system depression and severe kidney damage. Repeated skin contact may cause sensitization with the development of allergic reaction.

CARCINOGENICITY: NTP CARCINOGEN: Yes IARC MONOGRAPHS: Yes OSHA REGULATED: Yes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Respiratory problems associated with pre-existing lung, kidney, liver may be aggravated by exposure. Also, skin exposure may aggravate existing skin disorders or conditions.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove from exposure, restore breathing, and administer oxygen if needed. Seek medical help immediately.

Eye Contact: Immediately flush affected eye(s) with clean water for at least 15 minutes with eyelids open. Seek medical help immediately.

Skin Contact: Wash or cleanse affected area(s) thoroughly with mild soap and water. Remove contaminated clothing. If irritation occurs, contact a physician.

Ingestion: Do not induce vomiting. Drink one to two glasses of water to dilute. If possible, keep patient comfortable and do not leave patient unattended. Seek medical help immediately and names of ingredients available.

=====**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**=====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Evacuate the area immediately, ventilate the area and contain the material immediately by using sand, earth, etc. If possible conduct airborne monitoring for chemicals. Remove all sources of ignition. Contain and remove with on-sparking tools. Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water. Comply with all applicable Governmental regulations of spill reporting. Wear protective clothing and equipment during cleanup.

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WASTE DISPOSAL METHOD:

Dispose of waste in accordance with local, state and federal regulations of the methods of disposal currently available. It is recommended that an alternative be selected according to the following order of preference based upon environmental acceptability; recycle or rework if at all feasible, incinerate at an authorized facility or treat at an acceptable waste treatment facility.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store containers in a cool, dry, well ventilated area. Keep containers closed when not in use and in the upright position. Avoid exposure to high temperatures, and do not allow to freeze. Ground containers when pouring and in a ventilated area. Store in accordance with DOL storage category (REF: OSHA 1910.106).

OTHER PRECAUTIONS:

This container can be hazardous when empty, because it can retain product residue. Therefore do not reuse container for food, clothing, or products for human or animal consumption or where skin contact may occur. Always obey hazard warnings and handle containers as if they were full.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION:

When established airborne exposure limits are surpassed, wear NIOSH/MSHA approved equipment. Determine the appropriate type of equipment for the specific application by consulting the respirator manufacturer. Observe the respirator use limitations specified by NIOSH/MSHA or the manufacturer.

VENTILATION:

Local exhaust ventilation may be needed to control fume levels to below recommended exposure limit. Use explosion-proof ventilation as required to control vapor concentrations.

PROTECTIVE GLOVES: Chemically resistant hand protection required.

EYE PROTECTION:

Safety/protective eyewear with side shields to protect against splashes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Mask to protect mouth and/or face.

WORK/HYGIENIC PRACTICES:

Wash with soap and water. Remove and wash contaminated clothing before reuse. Discard shoes if saturated.

===== SECTION IX - DISCLAIMER =====

This information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantees of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other are made with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all federal, state and local laws and regulations.