

Safety Data Sheet

T-n-T

SECTION I – IDENTIFICATION

PRODUCT NAME: T-n-T

PRODUCT CODE: 6787

PRODUCT USE: Tub and Tile Cleaner

COMPANY NAME: ATCO International

COMPANY ADDRESS: 1401 Barclay Circle, SE Marietta, GA 30060

COMPANY PHONE: (770) 424-7550

EMERGENCY PHONE: (800) 255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Corrosive to Metals- Category 1
Serious Eye Damage/Irritation- Category 1
Acute Toxicity- Category 4

HAZARD STATEMENT(S): DANGER: May be corrosive to metals. Causes serious eye damage. Harmful if swallowed.

PRECAUTIONARY STATEMENTS: Keep only in original container. Wear eye protection/ face protection. Wear protective gloves/ protective clothing. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a poison center/doctor. **IF SWALLOWED:** Call a poison center/doctor if you feel unwell. Absorb spillage to prevent material damage. Store locked up and in corrosive resistant container with a resistant inner liner. Dispose of contents/container in accordance with local/regional/national/international regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Ingredient	CAS Number	Weight Percent (%)
Urea Monohydrochloride	506-89-8	25-30
Nonylphenol, ethoxylated	127087-87-0	1-4

SECTION IV – FIRST AID MEASURES

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a poison center/doctor.

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. (If available, give several glasses of milk.) GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: In case of contact, immediately flush skin with soap and water. If irritation occurs, consult a physician.

Safety Data Sheet T-n-T

ACUTE HEALTH HAZARDS: INHALATION: May cause nose, throat, and lung irritation. **EYE CONTACT:** Product is corrosive to eyes. **SKIN CONTACT:** May cause skin irritation on repeated or prolonged contact. **SKIN ABSORPTION:** Can be irritating to skin. **INGESTION:** This product may be harmful or fatal if ingested.

CHRONIC HEALTH HAZARDS: Chronic effects and medical conditions aggravated by overexposure to this product have not been established. Unnecessary exposure to this product or any chemical should be avoided.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: Skin contact may aggravate existing dermatitis.

SECTION V – FIRE-FIGHTING MEASURES

OSHA FLAMMABILITY CLASSIFICATION: Class IIIB

FLASH POINT: None

METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: ND

UPPER: ND

EXTINGUISHING MEDIA: Water spray, carbon dioxide or dry chemical.

UNSUITABLE EXTINGUISHING MEDIA: Water in stream for may be ineffective and may result in spreading the fire.

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool with water spray. Avoid breathing decomposition products. Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid exposure to fumes and vapors from a fire.

HAZARDOUS COMBUSTION PRODUCTS: Vapors could include sulfur dioxide, hydrogen chloride, and oxides of nitrogen.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Please use protective gloves/ protective clothing/ eye protection/ face protection.

SPILL: Stop source of spill. Absorb with inert absorbent material and dispose of in a manner consistent with applicable regulations.

WASTE DISPOSAL: Dispose of in accordance with applicable Federal, State, and local regulations.

RCRA STATUS: It is the responsibility of the product user to determine, at the time of disposal, whether a material is hazardous.

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Do not store where temperatures can get above 120 F. Keep closure tight and container upright to prevent leakage. Store only in fiberglass or plastic containers. Do not store in metal, especially aluminum, containers. Follow label instructions. **KEEP OUT OF REACH OF CHILDREN.**

INCOMPATIBILITY: Caustics, oxidizers

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Urea Monohydrochloride	ND	ND
Nonylphenol, ethoxylated	ND	ND

ENGINEERING CONTROLS / VENTILATION: Local mechanical exhaust to provide normal ventilation.

RESPIRATORY PROTECTION: Not normally required if good ventilation is maintained. Avoid breathing vapors or mist.

PERSONAL PROTECTIVE EQUIPMENT: PROTECTIVE GLOVES: Impervious gloves recommended. **EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids. **OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eyewash, safety shower, impervious clothing, and boots.

ADDITIONAL MEASURES: Wash thoroughly after handling.

Safety Data Sheet
T-n-T

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR LIGHT YELLOW LIQUID
ODOR: MILD
ODOR THRESHOLD: N/A
BOILING POINT: 212 F
FREEZING POINT: ND
FLAMMABILITY: OSHA CLASS IIIB
FLASH POINT: ND
AUTOIGNITION TEMPERATURE: ND
LOWER FLAMMABILITY LIMIT: ND
UPPER FLAMMABILITY LIMIT: ND
VAPOR PRESSURE (mm Hg): ND
VAPOR DENSITY (AIR=1): ND
EVAPORATION RATE: ND
SPECIFIC GRAVITY (H₂O=1): 1.10
DENSITY: 9.190 lb/gal
pH: Concentrated: <1
SOLIDS (%): ND
SOLUBILITY IN WATER: Completely Soluble
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}):
VOLATILITY INCLUDING WATER (%): ND
VOLATILE ORGANIC COMPOUNDS (VOC): ND
DIELECTRIC STRENGTH (Volts): ND
DECOMPOSITION TEMPERATURE: ND
VISCOSITY: ND

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Product is stable under normal conditions.
CONDITIONS TO AVOID: Heating above 230 degrees F can result in an exothermic decomposition with rapid release of carbon dioxide gas.
INCOMPATIBILITY: Avoid mixing with caustics or oxidizers.
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Thermal decomposition and or burning may produce oxides of carbon and nitrogen, ammonia, HCl gas.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV	RESULT	SPECIES	DOSE
Urea Monohydrochloride	ND	ND	LD50 ORAL	RAT	1120.9 mg/kg
Nonylphenol, ethoxylated	ND	ND	LD50 DERMAL	RABBIT	>3000 mg/kg
			LD50 ORAL	RAT	3314 mg/kg

ROUTES OF ENTRY: Eye Contact, Skin Contact, Ingestion
EYES: Product is corrosive to eyes.
INGESTION: This product may be harmful or fatal if swallowed.
INHALATION: May cause nose, throat, and lung irritation.
SKIN: May cause skin irritation on repeated and prolonged contact.
MEDICAL CONDITION AGGRAVATED: Skin contact may aggravate existing dermatitis.

Safety Data Sheet
T-n-T

CHRONIC HEALTH HAZARDS: Chronic effects and medical conditions aggravated by overexposure to this product have not been established. Unnecessary exposure to this product or any chemical should be avoided.

CARCINOGENICITY: OSHA:NA ACGIH:NA NTP:NA IARC:NA OTHER:NA

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: UREA MONOHYDROCHLORIDE, NONYLPHENOL ETHOXYLATED

BIODEGRADABILITY: There is no data available.

BIOACCUMULATION: There is no data available. **SOIL MOBILITY:** There is no data available.

OTHER ECOLOGICAL HAZARDS: May be harmful to aquatic life. No other known significant effects or critical hazards.

SECTION XIII --- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with applicable Federal, State, and local regulations.

RCRA STATUS: Under RCRA regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material is hazardous.

SECTION XIV – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Cleaning compound - liquid

HAZARD CLASS/DIVISION: N/A

UN/NA NUMBER: N/A

PACKAGING GROUP: N/A

SECTION XV – REGULATORY INFORMATION

TSCA STATUS: All chemical components in this product are listed on the TSCA Inventory List, or are exempt from listing.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): The reportable quantity (RQ) for this material falls under unlisted hazardous materials. Waste, as defined in 40 CFR 261.2 which is not excluded under 40 CFR 261.4(b), is a hazardous substance under section 101(14) of the Act if it exhibits any of the characteristics identified in 40 CFR 261.20 through 261.24.

SARA 311/312 HAZARD CATEGORIES: Immediate (Acute) Health Hazard

SARA 313 REPORTABLE INGREDIENTS: (See section II, if applicable)

INTERNATIONAL REGULATIONS: WHMIS (Canada): CLASS D-2B: Material causing other toxic effects (TOXIC). All components are exempt or listed.

NFPA HEALTH: 1
NFPA FLAMMABILITY: 1
NFPA REACTIVITY: 0
NFPA OTHER: None

HMIS HEALTH: 2
HMIS FLAMMABILITY: 0
HMIS REACTIVITY: 1
HMIS PROTECTION: C

SECTION XVI – ADDITIONAL INFORMATION

PREPARATION BY: Jessica Carter

DATE PREPARED: 04/07/2014

REVISION DATE: 04/13/2015

N/A = Not Applicable; N/D = Not Determined

Safety Data Sheet

T-n-T

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.