

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.



PRODUCT IDENTITY - SECTION I

Product Name: DOUBLE-T RELEASE CAS #: See Below Manufacturer: Arcal Chemicals, Inc. Address: 223 Westhampton Avenue Capitol Heights, MD 20743	Emergency Tel: (800) 424-9300 Revision Date: 14 January 2008 Other Tel: (301) 336-9300 Fax: (301) 336-6597
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HAZARDOUS INGREDIENTS / OTHER COMPONENTS - SECTION II

MATERIAL / CAS #	ACGIH (TLV - TWA)	OSHA (PEL -TWA)
Petroleum Distillates / CAS #8052-41-3 Other ingredients are biodegradable and non-hazardous	N/A	500 ppm

PHYSICAL DATA - SECTION III

APPEARANCE Light straw color to amber	ODOR Solvent	MELT POINT N/A	SPECIFIC GRAVITY 0.80 - 0.84
VAPOR DENSITY 4.9	% VOLATILE BY VOLUME 90%	BULK DENSITY N/A	BOILING POINT 150°C
VAPOR PRESSURE 2	% SOLUBILITY (H2O) Negligible		

FIRE AND EXPLOSION HAZARD DATA - SECTION IV

FLASH POINT: 105°F	NFPA FIRE HAZARDS HEALTH 0 FLAMMABILITY 2 REACTIVITY 0 SPECIFIC
FLAMMABLE LIMITS LEL: 1% UEL: N/A	
EXTINGUISHING MEDIA: Water, dry chemical, foam	
SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus when extinguishing product. Ventilate area as much as possible.	
UNUSUAL FIRE AND EXPLOSION HAZARDS DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: Burning of material may product carbon monoxide and carbon dioxide. EMPTY CONTAINER WARNING: Empty containers retain hazardous residue. Do not cut or weld.	4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT

REACTIVITY DATA – SECTION V**STABILITY:** Stable & polymerization will not occur**CONDITIONS TO AVOID:** None known**INCOMPATIBILITY (MATERIAL TO AVOID):** Avoid contact with strong oxidizing agents**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Burning of material may produce carbon monoxide**HAZARDOUS POLYMERIZATION:** Will not occur**HEALTH HAZARD DATA – SECTION VI****ROUTE (S) OF ENTRY:** Inhalation? Yes

Skin? Yes

Ingestion? Yes

HEALTH HAZARDS (ACUTE & CHRONIC): Irritation of skin and eyes. Inhalation of vapors may cause headaches and dizziness.**CARCINOGENICITY:** None**NTP?** N/A**IARC Monographs?** N/A**OSHA?** N/A**MEDICAL CONDITIONS GENERALLY AGGRAVATED by EXPOSURE:** Skin and eye irritation, dizziness and headaches.**EMERGENCY AND FIRST AID PROCEDURES****EYE CONTACT:** If splashed into eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.**SKIN CONTACT:** In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.**INHALATION:** If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen if available.**INGESTION:** If ingested, DO NOT induce vomiting; call a physician immediately.**PRECAUTIONS FOR SAFE HANDLING AND USE – SECTION VII****STEPS TO BE TAKEN ION CASE MATERIAL IS RELEASED OR SPILLED:** Remove all sources of flame and heat. Collect on absorbent material. Flush area with water.**WASTE DISPOSAL METHOD:** Recover solvents by distillation and dispose in accordance with federal, state and local regulations.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in cool, dry place. Avoid prolonged contact and inhalation of vapors. Keep away from sources of heat, sparks or flames.**CONTROL MEASURES – SECTION VIII****RESPIRATORY OR BREATHING APPARATUS:** Use self-contained breathing apparatus**VENTILATION:** Yes**Local Exhaust:
Mechanical:****Special:
Other:****PROTECTIVE GLOVES:** Chemical resistant**EYE PROTECTION:** Face shield or goggles**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Chemical resistant apron, boots and other protective gear.**TRANSPORTATION INFORMATION****UN1268, PETROLEUM DISTILLATES, N.O.S. (ALIPHATIC PETROLEUM DISTILLATES), 3, PG:III
(Labels: FLAMMABLE LIQUID) [DOT Combustible exemption 49 CFR 173.150 in non-bulk packaging]**