

MATERIAL SAFETY DATA SHEET



REQUIRED UNDER U.S. DEPT. OF LABOR SAFETY AND HEALTH REGULATIONS FOR SHIP REPAIRING, SHIP-BUILDING AND SHIPBREAKING (29 CFR 1915, 1916, 1917), AND AS ADOPTED UNDER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, SECTION 4, (b) (2), (29 CFR 1910).

Manufacturer:
BIDALL
7821 N. PAULKNER RD.
MILWAUKEE, WISCONSIN 53224

Emergency phone:
(414) 355-4006

Ref. No. SASOILUSPA2553
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***** SECTION I - PRODUCT IDENTIFICATION *****

Trade names and synonyms:

SAFETY SOLVENT - NON-FLAMMABLE

Chemical name / synonyms:

Chemical family:

Formula:

AEROSOL DEGREASER

***** SECTION II - HAZARDOUS INGREDIENTS *****

<u>Substance</u>	<u>% composition</u>	<u>TLV</u>
1,1,1-TRICHLOROETHANE, CAS# 71556	96 %	350 ppm

***** SECTION III - PHYSICAL DATA *****

Boiling point(°F): 162
Vapor pressure(mm Hg): 100
Vapor density(air=1): 4.5.
Solubility in water: INSOLUBLE
Appearance and odor: CLEAR, WATER WHITE LIQUID, CHARACTERISTIC CHLORINATED SOLVENT ODOR.

Specific gravity: 1.3
% volatile(volume %): 100
Evaporation rate
(ETHER =1): UNDET.

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

Flame extension: NONE. Flammable limits in air (volume%)
FLASH POINT: NONE Upper: Lower:
Extinguishing media: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Special fire fighting procedures: FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF CONTAINED BREATHING APPARATUS. COOL CANS IN VICINITY OF FIRE WITH WATER FOG.
Unusual fire and explosion hazard: EXPOSURE TO TEMPERATURES ABOVE 120°F. MAY CAUSE CANS TO BURST.

***** SECTION V - HEALTH HAZARD DATA *****

Threshold limit value: 350 ppm, 8 HR. TWA.
Effects of overexposure: EYES: IRRITATION, REDNESS, BURNING, BLURRED VISION. SKIN: IRRITATION, DERMATITIS. INHALATION: IRRITATION OF RESPIRATORY TRACT, CONFUSION, DIZZINESS, HEADACHE, IMPAIRED COORDINATION, NARCOSIS, WEAKNESS, UNCONSCIOUSNESS. INGESTION: NAUSEA, VOMITING.
Emergency and first aid procedures: EYES: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES, AND OBTAIN MEDICAL ATTENTION.
SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER.
INHALATION: REMOVE PERSON TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION IF INDICATED. DO NOT GIVE STIMULANTS. EPINEPHRINE OR EPHEDRINE MAY ADVERSELY AFFECT THE HEART.
INGESTION: GIVE SEVERAL GLASSES OF WATER AND INDUCE VOMITING. CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.
PRIMARY ROUTES OF EXPOSURE: INHALATION, SKIN CONTACT.

***** SECTION VI - REACTIVITY DATA *****

Stability: STABLE Conditions to avoid: HIGH TEMPERATURES
Incompatibility: STRONG OXIDIZING AGENTS, STRONG ALKALIS.
Hazardous decomposition products: THERMAL DECOMPOSITION MAY YIELD CO, CO₂, HCl, Cl₂, PHOSGENE GAS.
Hazardous polymerization WILL NOT OCCUR.
Conditions to avoid: NOT APPLICABLE.

***** SECTION VII - SPILL OR LEAK PROCEDURES *****

Steps to be taken if material is released or spilled: VENTILATE AREA THOROUGHLY. SOAK UP ON INERT ABSORBENT AND PLACE IN CLOSED CONTAINER FOR DISPOSAL.
Waste disposal method: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DISPOSE OF CAN IN NON-INCINERATED TRASH ONLY.

***** SECTION VIII - SPECIAL PROTECTION INFORMATION *****

Respiratory protection: AVOID BREATHING VAPORS. USE ONLY WITH ADEQUATE VENTILATION.
Ventilation -Local exhaust: RECOMMENDED
-Mechanical: RECOMMENDED
Protective gloves: RUBBER GLOVES IF DESIRED
Eye protection: CHEMICAL GOGGLES OR FACE SHIELD IF DESIRED
Other protective equipment: EMERGENCY SHOWER AND EYE WASH.

***** SECTION IX - SPECIAL PRECAUTIONS *****

Precautions to be taken in handling and storage: STORE IN COOL, DRY PLACE, AWAY FROM HEAT, OPEN FLAME, OR DIRECT SUNLIGHT. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.
Other precautions: KEEP OUT OF REACH OF CHILDREN. DO NOT PUNCTURE OR INCINERATE CAN.