

MATERIAL SAFETY DATA SHEET

N/A = Not Applicable
L-477

(Prepared According To 29 CFR 1910.1200)

Effective Date - 02-26-01

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: DOUBLE KILL	Chemical Family: WEED KILLER
Supplier's Name: SUPERIOR CHEMICAL CORP.	Proper Shipping Name: COMPOUND, TREE KILLING, DENSITY GREATER THAN 20 POUNDS PER CUBIC FOOT
Supplier's Address: SHEBOYGAN, WI 53082	

SECTION 2 - INGREDIENTS

CHEMICAL NAME	OSHA/PEL	ACGIH/TLV	CAS NO.
BROMICIL	1PPM	1PPM	314-40-9
2,4-D, ETHYLHEXYL ESTER	10 MG/M3	N/A	1928-43-4
FUEL OIL	N/A	N/A	68476-30-2
CATALYTIC REFORMER PETROLEUM DISTILLATE	N.E.	N.E.	68477-31-6
NAPHTHALENE	10 PPM	10 PPM	91-20-3

SECTION 313 - SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372)

CAS #	CHEMICAL NAME	% BY WEIGHT
91-20-3	NAPHTHALENE	< 8
1928-43-4	2,4-D 2-ETHYLHEXYL ESTER	1.09

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL

SECTION 3 - PHYSICAL DATA

Specific Gravity: .89
 Solubility In Water: INSOLUBLE
 Physical Description: BROWN LIQUID
 ODOR: SOLVENT
 Boiling Point: >300F

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (Method Used): >130 F
 Extinguishing Media: REGULAR FOAM, CO2, DRY CHEMICAL
 Special Fire Fighting Procedures: WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS.
 Unusual Fire and Explosion Hazards: CONCENTRATED VAPORS CAN BE IGNITED BY EXTREME HEAT OR ANY IGNITION SOURCE, DO NOT CUT OR WELD ON DRUM.

SECTION 5 - REACTIVITY DATA

Stability: STABLE
 Conditions to Avoid: EXTREME TEMPERATURES
 Polymerization: WILL NOT OCCUR
 Conditions to Avoid: NONE
 Incompatibility (Materials to Avoid): STRONG ACIDS AND OXIDIZERS
 Hazardous Decomposition Products: CO, CO2

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage:
 STORE IN COOL, DRY PLACE. AWAY FROM ALL IGNITION SOURCES.
 KEEP CONTAINER CLOSED WHEN NOT IN USE.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
 OVEREXPOSURE AND TOXICITY DEPEND UPON DURATION OF EXPOSURE, SYMPTOMS OF OVEREXPOSURE INCLUDE DIZZINESS, NAUSEA, HEADACHE, AND EVEN LOSS OF CONSCIOUSNESS. EYE & SKIN IRRITANT. 2,4-D IS LISTED BY IARC AS A POSSIBLE HUMAN CARCINOGEN.

Other Precautions:
 AVOID INHALING SPRAY MISTS & VAPORS

Carcinogenicity:
 NTP: NO
 IARC: YES
 OSHA: NO

First Aid Procedures

Skin:
 FLUSH WITH PLENTY OF WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH WITH PLENTY OF SOAP AND WATER FOR 15 MINUTES.

Eyes:
 FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES GET MEDICAL ATTENTION.

Inhalation:
 MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, ADMINISTER ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion:
 DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IMMEDIATELY.

SECTION 8 - PERSONAL PROTECTION INFORMATION

Respiratory Protection: NONE REQ'D W/ADEQUATE VENTING	Ventilation: EQUIVALENT TO OUTDOORS
Protective Gloves: RECOMMENDED	Eye Protection: RECOMMENDED
Other Protective Equipment: AS REQUIRED TO LIMIT SKIN CONTACT. WASH HANDS THOROUGHLY AFTER USE. USE EXPLOSION PROOF MOTOR FOR MECHANICAL VENTING..	

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken In Case Material is Released or Spilled:
 ELIMINATE ALL IGNITION SOURCES. CONTAIN SPILL AND PUMP TO RECOVER
 SMALL SPILLS CAN BE MOPPED UP. FLUSH AREA WITH WATER.

Waste Disposal Methods:
 DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Manufacturer: ABC COMPOUNDING CO., INC. • P.O.B. 16247 • Atlanta, GA 30321-0247
 Emergency Phone: 1-800-535-5053

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