**ULTRA Scientific**

250 SMITH STREET, NO. KINGSTOWN, RI 02852

"The Research Company"

Telephone : (401) 294-9400

Telex : 990913

FAX : (401) 295-2330

MATERIAL SAFETY DATA SHEET

DATE: 12/20/89

DICHLORAN

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SECTION I PRODUCT IDENTIFICATION

Catalog Number: PST-190

Name: Dichloran

CAS #: ~~114-06-3~~ 99309 Molecular Formula: $C_{12}(NO_2)C_6H_2NH_2$

Chemical Name: 2,6-Dichloro-4-nitroaniline

Synonyms: DCNA; Bulran; Resisan

SECTION II TOXICITY HAZARD DATA

RTECS #: EX2975000

LD₅₀ oral rat =1500 mg/kg

Reported in EPA TSCA Inventory, 1983

SECTION III PHYSICAL DATA

M.Pt.: 191-195 °C B.Pt.:130 °C

Density:

Appearance: yellow/brownish yellow solid

Odor: aromatic

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Pt.: °F

Combustible

Extinguishing Media: Carbon dioxide, dry chemical powder, or water spray

SECTION V HEALTH HAZARD DATA

Toxic; irritant

All chemicals should be considered hazardous - direct physical contact should be avoided.

FIRST AID: In case of eye or skin contact, flush with copious amounts of water. If inhaled remove to fresh air - give oxygen, if necessary. Contact physician.

SECTION VI REACTIVITY DATA

Stability: Stable

Incompatibilities: Strong oxidizers; strong acids; strong bases

Hazardous decomposition products: NO₂; CO; HCl

SECTION VII SPILL OR LEAK PROCEDURES

Spills or leaks: Due to the small quantity involved, spills or leaks should not pose a significant problem. A leaking bottle may be placed in a plastic bag and normal disposal procedures followed. Liquid samples may be absorbed on vermiculite or sand.

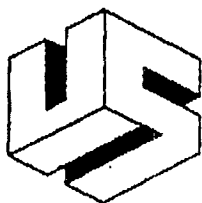
Waste disposal: Burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local laws concerning disposal.

SECTION VIII PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Use appropriate OSHA/MSHA approved safety equipment. Avoid contact with eyes, skin, or clothing. Keep tightly closed, and store in a cool, dry place.

SECTION IX SPECIAL PRECAUTIONS AND COMMENTS

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This material should only be used by those persons trained in the safe handling of hazardous chemicals.

The above information is believed to be correct, but does not purport to be all inclusive. This data should be used only as a guide in handling the material. ULTRA SCIENTIFIC, INC. shall not be held liable for any damage resulting from handling or from contact with the above product.

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