江 苏 快 达 农 化 股 份 有 限 公 司
JIANGSU KUAIDA AGROCHEMICAL CO., LTD.
江苏省如东县马塘镇建设路 2 号 邮编：226401
NO 2,JIANSHE ROAD MATANG TOWN,RUDONG,JIANGSU,CHINA
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Material Safety Data Sheet

1 - Product and Company Information

Product Name: DIURON 80 WP

Company: Jiangsu Kuaida Agrochemical Co.,Ltd.
No.2, Jianshe Road, Matang Town, Rudong, Jiangsu, China
Technical Phone: 86 513 84415508
Emergency Phone: 86 513 84415538
Fax: 86 513 84541698

2 - Composition/Information on Ingredients

Product Name CAS # no
DIURON TECH 330-54-1
Formula $C_9H_{10}C_{12}N_2O$
Molecular Weight 233.1 AMU

3 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT
Harmful if swallowed. Limited evidence of a carcinogenic effect.
Harmful: danger of serious damage to health by prolonged exposure if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4 - First Aid Measures

AFTER INHALATION
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
AFTER SKIN CONTACT
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
AFTER EYE CONTACT
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
AFTER INGESTION
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5 - Fire Fighting Measures

EXTINGUISHING MEDIA
Suitable: Water spray. Carbon dioxide, dry chemical powder, or

appropriate foam.
SPECIAL RISKS
Specific Hazard(s): Emits toxic fumes under fire conditions.
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 - Accidental Release Measures
PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL
Evacuate area.
PROCEDURE(S) OF PERSONAL PRECAUTION(S)
Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.
METHODS FOR CLEANING UP
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7 - Handling and Storage
HANDLING
Directions for Safe Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
STORAGE
Conditions of Storage: Keep tightly closed.

8 - Exposure Controls / Personal Protection
ENGINEERING CONTROLS
Safety shower and eye bath. Mechanical exhaust required.
GENERAL HYGIENE MEASURES
Wash thoroughly after handling.

Source Type Value
OEL TWA 5 mg/m3
EXPOSURE LIMITS - GERMANY
Source Type Value
TRGS 900 OEL 5 mg/m3, E
Remarks: DK
EXPOSURE LIMITS - NORWAY
Source Type Value
OEL 5 mg/m3
Remarks: K
EXPOSURE LIMITS - SWITZERLAND

Source Type Value
OEL OEL 10 mg/m3
Remarks: E
EXPOSURE LIMITS - UNITED KINGDOM
Source Type Value
OEL OEL 10 mg/m3
PERSONAL PROTECTIVE EQUIPMENT
Respiratory Protection: Government approved respirator.
Hand Protection: Compatible chemical-resistant gloves.
Eye Protection: Chemical safety goggles.

9 - Physical and Chemical Properties
Appearance Physical State: Solid
Property Value At Temperature or Pressure
pH N/A
Flash Point N/A
Flammability N/A
Vapor Density N/A
Saturated Vapor Conc. N/A
Evaporation Rate N/A
Bulk Density N/A
Decomposition Temp. N/A
Solvent Content N/A
Water Content N/A
Surface Tension N/A
Conductivity N/A
Miscellaneous Data N/A
Solubility N/A

10 - Stability and Reactivity
STABILITY
Stable: Stable.
Conditions to Avoid: Do not heat above m.p.
Materials to Avoid: Strong oxidizing agents, Strong acids, Strong bases.
HAZARDOUS DECOMPOSITION PRODUCTS
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Hydrogen chloride gas, Nitrogen oxides.
HAZARDOUS POLYMERIZATION
Hazardous Polymerization: Will not occur

11 - Toxicological Information
ACUTE TOXICITY
LD50 Oral Rat >1017 mg/kg

Remarks: Behavioral:General anesthetic. Behavioral:Ataxia.
LD50 Skin Rat > 5000 mg/kg
LD50 Intraperitoneal Mouse 500 MG/KG
SENSITIZATION
Skin: May cause allergic skin reaction.
SIGNS AND SYMPTOMS OF EXPOSURE
ROUTE OF EXPOSURE
Skin Contact: May cause skin irritation.
Skin Absorption: May be harmful if absorbed through the skin.
Eye Contact: May cause eye irritation.
Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion: Harmful if swallowed.
TARGET ORGAN INFORMATION
Liver. Kidneys.
CHRONIC EXPOSURE - CARCINOGEN
Result: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

12 - Ecological Information
No data available.

13 - Disposal Considerations
SUBSTANCE DISPOSAL
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14 - Transport Information
UN#: 3077
Class: 9
PG: III
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s
IMDG
UN#: 3077
Class: 9
PG: III
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s
Marine Pollutant: No

Severe Marine Pollutant: No
Technical Name: X
IATA
UN#: 3077
Class: 9
PG: III
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s
Inhalation Packing Group I: No
Technical Name: X

15 - Regulatory Information
Harmful if swallowed. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Keep away from food, drink, and animal feeding stuffs. Do not breathe dust. Do not breathe spray. Wear suitable gloves. If swallowed, seek medical advice immediately and show this container or label. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/safety data sheets.

16 - Other Information
WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Jiangsu Kuaida Agrochemical Co., Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product. Not for drug, household or other uses.