

MATERIAL SAFETY DATA SHEET

Drexel Chemical Co.
1700 Channel Avenue
Memphis, TN 38113
(901) 774-4370

Emergency Telephone No.

1-800-424-9300 (ChemTrec)

SECTION I – GENERAL INFORMATION

TRADE NAME	Quik-Quat 300
CHEMICAL NAME	Paraquat dichloride
CHEMICAL FAMILY	bipyridilium (herbicide)
EPA REG. NO.	82542-26-19713
SIGNAL WORD	Danger - Poison

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Paraquat dichloride	1910-42-5	43.2%	0.5 mg/m3	H
Inerts		56.8%		

SECTION III – PHYSICAL DATA

Boiling Point	>212 deg. F	Specific Gravity	1.15 gms/cc
Vapor Pressure	23.7 mm Hg	% Volatiles	N.K.
Vapor Density	N.A.	Solubility in Water	complete
pH	approx. 5	Appearance/Odor	clear liquid, strong pungent odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>200°F
Extinguishing Media	Dry chemical, foam, water spray, CO2
Fire Fighting Procedures	Fight fire from upwind. Assure S.C.B.A. is worn. Minimize run-off if possible. Avoid direct contact with product.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Alkalies, open Flames, High Temp
Incompatibility	Aluminum Metals or Alloys
Hazardous Decomposition Products	Oxides of carbon and nitrogen, hydrogen chloride, phosgene, ammonia.
Hazardous Polymerization:	Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	283 mg/kg (oral), > 2000 mg/kg (dermal) 0.0006 mg/l (inhalation) 4 hr.
TLV	0.5 mg/m3
N.F.P.A.	3-1-1 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure:	May be fatal if swallowed. Harmful if absorbed through skin. Causes substantial but temporary eye injury. Do not ingest.
Note to Physician:	Treat symptomatically and supportively.

The information presented herein for consideration, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, or guaranty is expressed or implied regarding the accuracy or reliability of such information and we shall not be liable for any loss or consequential damages arising out of the use thereof.

Date Prepared: 2/16/2010

SECTION VII – EMERGENCY PROCEDURES

If on Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison control center or doctor IMMEDIATELY treatment advise. SPEED IS ESSENTIAL. Immediate medical attention is required. If available, give an absorbent such as activated charcoal, bentonite or Fuller's Earth. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. The odor of this product is from the stenching agent, which has been added, not from the paraquat. If person is not breathing, call 911 or an ambulance. Call a poison control center or doctor for treatment advice.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill

Contain spills and prevent runoff or entering of waterways. Assure protective equipment is worn. Pick up spills with absorbent material and place in suitable containers.

Waste Disposal Method

Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Normally none required.
Ventilation	General recommended.
Protective Gloves	Rubber impervious
Eye Protection	Safety glasses
Other	Long sleeved shirt and pants. Rubber boots and apron. Wash hands before eating, drinking, chewing gum, using tobacco products, or using toilet.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Store away from food or foodstuffs in a well ventilated area. Avoid extreme temperatures. Store in original containers.

D.O.T. Description	Corrosive Liquids, Toxic, NOS, (Paraquat Dichloride), 8, (6.1), UN 2922, PG-III
Freight Description	Agricultural Herbicide, Liquid, NOS

ERG #	154
-------	-----