

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	DEFOL 750
CHEMICAL NAME	Sodium Chlorate + Urea (Fire retardant)
CHEMICAL FAMILY	Inorganic Salt
EPA REG. NO.	19713-486
SIGNAL WORD	CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Sodium Chlorate	7775-09-9	52.0	5mg/m ³	H
Inerts	N/A	48.0	N/A	NH

SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	>212°F	<u>Specific Gravity</u>	1.65 gms/cc
<u>Vapor Pressure</u>	N/A	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Complete
<u>pH</u>	7.5-9.5	<u>Appearance/Odor</u>	Slurry, slight odor, grey color.

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	Non-flammable (>200°F)
Extinguishing Media	Water or foam
Fire Fighting Procedures	Contain runoff of water. Assure protective equipment is worn. Stay upwind.

SECTION V – REACTIVITY DATA

Stability	Stable under most conditions
Conditions to Avoid	Reducing agents
Incompatibility	If concentrate solution dries on flammable objects, the Chlorate compound can act as an oxidizer.
Hazardous Decomposition Products	Possible toxic fumes, dense smoke.
Hazardous Polymerization	Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50=>1,200 mg/kg
TLV	5mg/m ³
N.F.P.A.	Health: 1, Fire: 2, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Skin or eye irritation. Ingestion may be moderately toxic.

SECTION VII – EMERGENCY PROCEDURES

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

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.

If on Skin or Clothing: 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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill

Clothing contaminated with solution or spray should be washed before it dries. Absorb spills on sand or clay and put into disposable container. Assure that protective equipment is worn.

Waste Disposal Method

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

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH approved respirator
Ventilation	General recommended
Protective Gloves	Rubber impervious
Eye Protection	Chemgoggles
Other	Rubber apron and boots, coveralls, long-sleeved shirt.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage

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

Handle and store in dry, cool area. Containers should be kept closed when not in use. Do not contaminate water, food, or feed.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G. Guide Sheet	171

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