

## DU PONT E I DE NEMOURS &amp; CO INC -- OUST HERBICIDE -- 6840-01-368-4782

## ===== Product Identification =====

Product ID:OUST HERBICIDE  
 MSDS Date:05/13/1998  
 FSC:6840  
 NIIN:01-368-4782  
 MSDS Number: CCJGJ  
 === Responsible Party ===  
 Company Name:DU PONT E I DE NEMOURS & CO INC  
 Address:1007 MARKET STREET  
 Box:1635  
 City:WILMINGTON  
 State:DE  
 ZIP:19898  
 Country:US  
 Info Phone Num:800-441-7515/MSDS 302-992-3511  
 Emergency Phone Num:800-441-3637  
 Resp. Party Other MSDS Num.:M0000028/DU003048  
 Preparer's Name:NOT PROVIDED.  
 Chemtrec Ind/Phone:(800)424-9300  
 CAGE:18873

=== Contractor Identification ===  
 Company Name:E.I. DUPONT DE NEMOURS & CO  
 Address:1007 MARKET STREET  
 Box:City:WILMINGTON  
 State:DE  
 ZIP:19898  
 Country:US  
 Phone:800-441-7515;800-441-9442  
 CAGE:18873  
 Company Name:EHRlich J C CHEMICAL CO INC  
 Address:500 SPRING RIDGE DR  
 Box:City:READING  
 State:PA  
 ZIP:19612-3848  
 Country:US  
 Phone:610-372-9700/FAX: 610-378-9744  
 Contract Num:SP0450-99-NC48  
 CAGE:8C885  
 Company Name:GOURMET INQUE LTD  
 Address:191 STANLEY ST  
 Box:City:ELK GROVE VILLAGE  
 State:IL  
 ZIP:60007-1555  
 Country:US  
 Phone:847-296-6192/FAX: 800-542-1042  
 Contract Num:SP0450-00-M-D340  
 CAGE:0TNN7  
 Company Name:GOURMET INQUE LTD  
 Address:191 STANLEY ST  
 Box:City:ELK GROVE VILLAGE  
 State:IL  
 ZIP:60007-1555  
 Country:US  
 Phone:847-296-6192/FAX: 800-542-1042  
 Contract Num:SP0450-99-M-NE57  
 CAGE:0TNN7

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Composition/Information on Ingredients  
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Ingred Name:SULFOMETURON METHYL/OUST/(METHYL  
2-[[[[[4,6-DIMETHYL-2-PYRIMIDINYL)-  
AMINO]CARBONYL]AMINO]SULFONYL]BENZOATE)  
CAS:74222-97-2  
RTECS #:DG9096550  
= Wt:75.  
Other REC Limits:NONE RECOMMENDED

Ingred Name:INERT INGREDIENTS  
= Wt:25.  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >5000 MG/KG.  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:POTENTIAL HEALTH EFFECTS BASED  
ON ANIMALS DATA, EYE CONTACT WITH OUST MAY CAUSE EYE  
IRRITATION WITH DISCOMFORT, TEARING, OR BLURRING OF VISION.  
BASED ON ANIMAL DATA, INGESTION OF HIGH DOSES OF OUST MAY LEAD TO  
RED BLOOD CELL DESTRUCTION.  
Explanation of Carcinogenicity:CARCINOGENICITY INFORMATION NONE OF  
THE COMPONENTS PRESENT IN THIS MATERIAL AT CONCENTRATIONS EQUAL  
TO OR GREATER THAN 0.1% ARE LISTED BY IARC, NTP, OSHA OR ACGIH  
AS A CARCINOGEN.  
Effects of Overexposure:BASED ON ANIMALS DATA, EYE CONTACT WITH OUST  
MAY CAUSE EYE IRRITATION WITH DISCOMFORT, TEARING, OR  
BLURRING OF VISION. BASED ON ANIMAL DATA, INGESTION OF HIGH  
DOSES OF OUST MAY LEAD TO RED BLOOD CELL DESTRUCTION.  
Medical Cond Aggravated by Exposure:NOT PROVIDED.

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First Aid Measures  
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First Aid:FIRST AID INHALATION: IF INHALED, REMOVE TO FRESH AIR.  
IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS  
DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. SKIN CONTACT: IN CASE OF  
CONTACT, FLUSH WITH WATER. GET MEDICAL ATTENTION IF IRRITATION IS  
PRESENT. EYE CONTACT: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES  
WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.  
INGESTION: IF SWALLOWED, IMMEDIATELY GIVE 2 GLASSES OF WATER AND  
INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS  
PERSON. CALL A PHYSICIAN.

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Fire Fighting Measures  
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Flash Point:NOT FLAMMABLE  
Lower Limits:0.092 G/L  
Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CO2.  
Fire Fighting Procedures:IF PRODUCT IS ON FIRE, WEAR SELF-CONTAINED  
BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. IF AREA IS  
EXPOSED TO FIRE AND CONDITIONS PERMIT, LET FIRE BURN ITSELF OUT.  
BURNING CHEMICALS MAY PRODUCE BY-PRODUCTS MORE TOXIC THAN THE  
ORIGINAL MATERIAL. CONTROL RUNOFF. RUNOFF FROM FIRE CONTROL MAY BE  
A POLLUTION HAZARD.  
Usual Fire/Explosion Hazard:LIKE MOST ORGANIC POWDERS OR CRYSTALS,  
UNDER SEVERE DUSTING CONDITIONS, THIS MATERIAL MAY FORM  
EXPLOSIVE MIXTURES IN AIR.

===== Accidental Release Measures =====

Spill Release Procedures:REVIEW FIRE FIGHTING MEASURES AND HANDLING SECTIONS BEFORE PROCEEDING WITH CLEAN-UP. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN-UP. CHEMICAL RESISTANT COVERALLS, GLOVES, BOOTS, EYE PROTECTION. IF DUSTING OCCURS, A CARTRIDGE RESPIRATOR/SCBA SHOULD BE USED. DIKE SPILL. PREVENT MATERIAL FROM ENTERING SEWERS, WATERWAYS. FOLLOW FEDERAL, STATE AND LOCAL LAWS. SHOVEL OR SWEEP UP.

Neutralizing Agent:NOT RELEVANT.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID DUST GENERATION. KEEP AWAY FROM HEAT, SPARKS AND FLAMES. STORE PRODUCT IN ORIGINAL CONTAINER ONLY. DO NOT CONTAMINATE WATER, OTHER PESTICIDES, FERTILIZER, FOOD OR FEED IN STORAGE.

Other Precautions:WASH HANDS BEFORE EATING, DRINKING, CHEWING GUM, USING TOBACCO/ USING THE TOILET. AVOID BREATHING VAPORS/ MIST. AVOID BREATHING DUST. AVOID CONTACT WITH EYES, SKIN/ CLOTHING. WASH THOROUGHLY AFTER HANDLING. DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:ALWAYS FOLLOW THE LABEL INSTRUCTIONS WHEN HANDLING THIS PRODUCT. AEL \* (DUPONT) : 10 MG/M3, 8 & 12 HR. TWA TOTAL DUST. \* AEL IS DUPONT'S ACCEPTABLE EXPOSURE LIMIT. WHERE GOVERNMENTALLY IMPOSED OCCUPATIONAL EXPOSURE LIMITS WHICH ARE LOWER THAN THE AEL ARE IN EFFECT, SUCH LIMITS SHALL TAKE PRECEDENCE.

Ventilation:USE ONLY WITH ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY CLOSED.

Protective Gloves:WATERPROOF GLOVES

Eye Protection:NOT PROVIDED.

Other Protective Equipment:APPLICATORS AND OTHER HANDLERS MUST WEAR: LONG-SLEEVED SHIRT AND LONG PANTS. SHOES PLUS SOCKS.

Work Hygienic Practices:FOLLOW MANUFACTURER'S INSTRUCTIONS FOR CLEANING/MAINTAINING PPE. IF NO SUCH INSTRUCTIONS FOR WASHABLES, USE DETERGENT AND HOT WATER. KEEP AND WASH PPE SEPARATELY FROM OTHER LAUNDRY.

Supplemental Safety and Health

PPE REQUIRED FOR EARLY ENTRY TO TREATED AREAS THAT IS PERMITTED UNDER THE WORKER PROTECTION STANDARD AND THAT INVOLVES CONTACT WITH ANYTHING THAT HAS BEEN TREATED, SUCH AS PLANTS, SOIL, OR WATER IS: COVERALLS. WATERPROOF GLOVES. SHOES PLUS SOCKS.

===== Physical/Chemical Properties =====

HCC:T5

NRC/State Lic Num:NOT RELEVANT

Solubility in Water:DISPERSIBLE

Appearance and Odor:OFF-WHITE DRY FLOWABLE SOLID; ODORLESS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE REASONABLY FORESEEABLE.

Stability Condition to Avoid: STABLE AT NORMAL TEMPERATURES AND STORAGE CONDITIONS.

Hazardous Decomposition Products: DECOMPOSITION WILL NOT OCCUR.

Conditions to Avoid Polymerization: POLYMERIZATION WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: ANIMAL DATA: OUST INHALATION 4 HOUR LC50: > 5.1 MG/L IN RATS (VERY LOW TOXICITY BY INHALATION). SKIN ABSORPTION LD50: > 2000 MG/KG IN RABBITS (SLIGHTLY TO MODERATELY TOXIC BY CONTACT). ORAL LD50: > 5000 MG/KG IN RATS (VERY LOW TOXICITY BY INGESTION). OUST IS NOT A SKIN IRRITANT, BUT IS A MODERATE EYE IRRITANT, AND IS NOT A SKIN SENSITIZER IN ANIMALS. SINGLE INHALATION EXPOSURE WITH OUST IN RATS CAUSED SLIGHT TO MODERATE BODY WEIGHT LOSS, NASAL AND OCULAR DISCHARGE, AND OTHER NONSPECIFIC EFFECTS. SINGLE HIGH ORAL DOSES OF OUST PRODUCED NO SIGNS OF TOXICITY AND NO LESIONS WERE OBSERVED DURING PATHOLOGICAL EXAMINATION OF TISSUE.

===== Ecological Information =====

Ecological: AQUATIC TOXICITY: SULFOMETURON METHYL 48 HOUR NOEC- DAPHNIA MAGNA: > 150 MG/L. 96 HOUR LC50 - RAINBOW TROUT: > 148 MG/L. 96 HOUR LC50 - BLUEGILL SUNFISH: > 150 MG/L. AVIAN TOXICITY: SULFOMETURON METHYL ACUTE DIETARY LC50 - MALLARD DUCK: > 5000 PPM. ACUTE DIETARY LC50 - BOBWHITE QUAIL: > 5620 PPM

===== Disposal Considerations =====

Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION, AND DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE/PROVINCIAL, AND LOCAL REGULATIONS. DO NOT CONTAMINATE WATER SUPPLY, FOOD OR FEED BY STORAGE OR DISPOSAL. WASTES RESULTING FROM THE USE OF THIS PRODUCT MAY BE DISPOSED OF ON SITE OR AT AN APPROVED WASTE DISPOSAL FACILITY.

===== MSDS Transport Information =====

Transport Information: SHIPPING INFORMATION DOT/IMO PROPER SHIPPING NAME : NOT REGULATED

===== Regulatory Information =====

SARA Title III Information: TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312 ACUTE : YES CHRONIC : NO FIRE : NO REACTIVITY : NO PRESSURE : NO

Federal Regulatory Information: IN THE UNITED STATES THIS PRODUCT IS REGULATED BY THE US ENVIRONMENTAL PROTECTION AGENCY UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND RODENTICIDE ACT. IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. EPA REG. NO. 352-401

===== Other Information =====

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