

ELANCO PRODUCTS CO DIV OF ELI LILLY AND COMPANY -- TORDON (R) 22K WEED KILLER --  
6840-01-358-9333

===== Product Identification =====

Product ID:TORDON (R) 22K WEED KILLER

MSDS Date:07/16/1992

FSC:6840

NIIN:01-358-9333

MSDS Number: BQKVZ

=== Responsible Party ===

Company Name:ELANCO PRODUCTS CO DIV OF ELI LILLY AND COMPANY

Address:3901 W 86TH ST

City:INDIANAPOLIS

State:IN

ZIP:46268-1702

Country:US

Info Phone Num:317-276-3000

Emergency Phone Num:317-276-2000

CAGE:21626

=== Contractor Identification ===

Company Name:ELANCO PRODUCTS CO DIV LILLY ELI AND CO

Address:3901 W 86TH ST

Box:City:INDIANAPOLIS

State:IN

ZIP:46268-1702

Country:US

Phone:317-276-2000

CAGE:21626

===== Composition/Information on Ingredients =====

Ingred Name:PICLORAM

CAS:1918-02-1

RTECS #:TJ7525000

Fraction by Wt: 24.4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3; 9293

ingred Name:INERT INGREDIENTS  
Fraction by Wt: 75.6%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: IRRITATION &  
BURN. INHALATION: LIVER EF  
FECTS. INGESTION: INJURY.  
Explanation of Carcinogenicity:DID NOT CAUSE CANCER IN LONG-TERM ANIMAL  
STUDIES.  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION & BURN.  
INHALATION: LIVER EFFECTS. INGESTION: INJURY. NOTE TO PHYSICIAN: IF  
BURN IS PRESENT, TREAT AS ANY THERMAL BURN, AFETR DECONTAMINATION.  
NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON  
JUDGEMENT OF THE PHYSICIAN IN RESPONSE TO PATIENT REACTIONS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED  
BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES: IRRIGATE WITH FLOWING WATER FOR 15 MINUTES. CONSULT  
PHYSICIAN. SKIN: WASH OFF IN FLOWING WATER OR SHOWER. INHALATION:  
REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT PHYSICIAN. INGESTION:  
INDUCE V OMITING IF LARGE AMOUNTS ARE INGESTED. CONSULT MEDICAL  
PERSONNEL. OBTAIN MEDICAL ATTENTION IN ALL CASES.

===== Fire Fighting Measures =====

Flash Poi  
nt Method:TCC  
Flash Point:>214F,>101C  
Autoignition Temp:Autoignition Temp Text:UNKNON  
Extinguishing Media:ALCOHOL FOAM, CO2, DRY CHEMICAL  
Fire Fighting Procedures:POSITIVE-PRESSURE, SELF-CONTAINED AIR SUPPLY.  
AVOID GETTING WATER FROM FIRE FIGHTING INTO DOMESTIC OR IRRIGATION  
WATER SUPPLIES.  
Unusual Fire/Explosion Hazard:NO AUTOIGNITION TEMPERATURE WHEN TESTED  
TO 1022F.

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

Spill Release Procedures:ABSORB IN INERT MATER

IAL SUCH AS SAND OR  
SAWDUST. IN CASE OF LARGE SPILLS, DIKE AREA TO CONTAIN. CONSULT  
MAUFACTURER FOR CLEAN-UP.

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

Handling and Storage Precautions: DON'T SHIP OR STORE NEAR FOOD, FEEDS,  
DRUGS & CLOTHING. DON'T CONTAMINATE DOMESTIC/IRRIGATION WATER, FOOD  
OR FEED BY STORAGE OR DISPOSAL.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH  
SKIN & EYES.

=====  
Exposure Controls/Personal Prote  
ction  
=====

Respiratory Protection: USE AN APPROVED AIR PURIFYING RESPIRATOR.

Ventilation: GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST  
CONDITIONS.

Protective Gloves: USE PROTECTIVE GLOVES.

Eye Protection: CHEMICAL GOGGLES, SAFETY GLASSES, SHIELD

Other Protective Equipment: SELECTION OF SPECIFIC ITEMW SUCH AS GLOVES,  
BOOTS, APRON OR FULL-BODY SUIT WILL DEPEND ON OPERATION.

Work Hygienic Practices: PROVIDE EYE WASH FOUNTAIN AD WASHING FACILITIES  
NEAR WORK AREA.

Supplemen  
tal Safety and Health  
NONE

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

HCC: T5

Boiling Pt: B.P. Text: 212F, 100C

Vapor Pres: 23

Spec Gravity: 1.160

Solubility in Water: COMPLETE

Appearance and Odor: BROWN LIQUID

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

Stability Indicator/Materials to Avoid: YES  
OXIDIZING MATERIALS, STRONG ACIDS.

Stability Condition to Avoid: AVOID SOURCES OF IGNITION IF TEMPERATURES  
IS ABOVE OR NEAR >FLASH POINT.

Hazardous Decom

position Products:HYDROGEN CHLORIDE, NITROGEN OXIDES  
UNDER FIRE CONDITIONS.

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

Waste Disposal Methods:BURY IN NON-CROP LAND FROM WATER SUPPLIES OR  
DISPOSE OF IN A LANDFILL APPROVED FOR PESTICIDES IN ACCORDANCE  
W/APPLICABLE LOCAL, STATE, & FEDERAL REGULATION. DON'T CONTAMINATE  
DOMESTIC/IRRIGATION WATER BY DISPOSAL.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.