

ALLIED ENTERPRISES, INC. -- IMPACT CONCENTRATED HEAVY DUTY INDUSTRIAL DEGREASER --
6850-01-384-0618

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

Product ID:IMPACT CONCENTRATED HEAVY DUTY INDUSTRIAL DEGREASER

MSDS Date:04/01/1998

FSC:6850

NIIN:01-384-0618

MSDS Number: BVBTR

=== Responsible Party ===

Company Name:ALLIED ENTERPRISES, INC.

Address:814 W. 45TH STREET

Box:6159

City:NORFOLK

State:VA

ZIP:23508-2008

Country:US

Info Phone Num:757-489-8282

Emergency Phone Num:757-489-8282/800-535-5053

CAGE:58396

=== Contractor Identification ===

Company Name:ALLIED ENTERPRISES, INC.

Address:814 W. 45TH STREET

Box:6159

City:NORFOLK

State:VA

ZIP:23508-2008

Country:US

Phone:757-489-8282

Contract Num:SP0450-99-M-C901

CAGE:58396

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: TO 100%

Other REC Limits:NONE RECOMMENDED

Ingred

Name:D-LIMONENE/CITRUS TERPENES
CAS:5989-27-5
RTECS #:GW6360000
Minumum % Wt:75.
Maxumum % Wt:85.
Other REC Limits:NONE RECOMMENDED

Ingred Name:COCONUT OIL DIETHANOLAMINE CONDENSATE/COCONUT
DIETHANOLAMIDE
CAS:8051-30-7
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED

Ingred Name:NONYLPHENOL POLYETHOXATE/NONIONIC SURFACTANT
CAS:9016-45-9
RTECS #:MD0900000
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED

Ingred Name:DYE
Minumum % Wt:0.
Maxumum % Wt:5.
Oth
er REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, DRYING AND FLAKING OF SKIN,
REDNESS, BURNING AND TEARING OF EYES, NAUSEA, VOMITING
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EY
E PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: REMOVE
CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER. EYE: FLUSH WITH WATER
FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR.
INGESTIO N: DO NOT INDUCE VOMITING. IF CONSCIOUS,DRINK LARGE AMOUNT
OF WATER TO DILUTE STOMACH CONTENTS. GE

T MEDICAL ATTENTION
IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:=54.4C, 130.F

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:USE FOAM, DRY CHEMICAL/CARBON DIOXIDE. DO NOT USE A
DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS
WITH WATER SPRAY.

Unusual

Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY EXPLODE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH
NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND
ALL HANDLING EQUIPMENTS. PREVENT LI
QUID FROM ENTERING SEWERS OR
WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY
FROM SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING
VAPORS OR MISTS. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL AND
INSTITUTIONAL USE ONLY. FOR USE BY TRAINED PERSONNEL ONLY.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS OR IF EXCESSIVE
MISTING IS EXPECTED, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR
(REFER TO 29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO KEEP EXPOSURE AS LOW AS POSSIBLE.

Protective Gloves:NITRILES, NEOPRENE, RUBBER

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE BATH, WASHING FACILITIES, S

AFETY SHOWER

AND IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR
DRINKING.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE MFN 1, SAME NSN.

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

HCC:F7

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=168.3C, 335.F

B.P. Text:INITIAL

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Vapor Pres:1

Spec Gr

avity:0.864

pH:11.5 - 12

Viscosity:NOT KNOWN

Evaporation Rate & Reference:90

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAMES, SPARKS

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON
DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATION

S. REUSING, RECYCLING OR INCINERATION WITH ENERGY

RECOVERY IS RECOMMENDED. CONTRACT WITH A LICENSED WASTE DISPOSAL
AGENCY.

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