DOW BRANDS HOMECARE DIV -- FANTASTIK ALL PURPOSE CLEANER

MATERIAL SAFETY DATA SHEET

NSN: 793000N016754

Manufacturer's CAGE: D0WBR

'art No. Indicator: A

Part Number/Trade Name: FANTASTIK ALL PURPOSE CLEANER

Smith Art

General Information

Company's Name: DOW BRANDS INC HOMECARE DIV

Company's P. O. Box: 368 Company's City: GREENVILLE

Company's State: SC Company's Country: US

Company's Zip Code: 29602-0368 Company's Emerg Ph #: 803-963-4261 Company's Info Ph #: 803-963-4261 Record No. For Safety Entry: 001 Tot Safety Entries This Stk#: 001

Status: SMJ

Date MSDS Prepared: 15APR88 Safety Data Review Date: 23AUG91 MSDS Serial Number: BLBTS Hazard Characteristic Code: C4

Ingredients/Identity Information

Proprietary: NO

Ingredient: 2-BUTOXYETHANOL Ingredient Sequence Number: 01

Percent: <7

NIOSH (RTECS) Number: KJ8575000

CAS Number: 111-76-2 OSHA PEL: S, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

Proprietary: NO

Ingredient: SURFACE ACTIVE AGENTS

Ingredient Sequence Number: 02

Percent: <5

NIOSH (RTECS) Number: 1001310SA OSHA PEL: NOT APPLICABLE ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: ALKALINE BUILDERS, DYE & PERFUME

Ingredient Sequence Number: 03

Percent: <1

NIOSH (RTECS) Number: 100008AB OSHA PEL: NOT APPLICABLE ACGIH TLV: NOT APPLICABLE

Proprietary: NO

Ingredient: WATER

Ingredient Sequence Number: 04

Percent: 87

NIOSH (RTECS) Number: ZC0110000

CAS Number: 7732-18-5

OSHA PEL: NOT APPLICABLE ACGIH TLV: NOT APPLICABLE

Physical/Chemical Characteristics

Appearance And Odor: CLEAR, LIGHT BLUE-GREEN LIQUID WITH BUTYL ODOR.

Boiling Point: 212F,100C

Vapor Pressure (MM Hg/70 F): 17.5

Vapor Density (Air=1): 1 Specific Gravity: 1.002

Evaporation Rate And Ref: 1 (WATER = 1)

Solubility In Water: COMPLETE
Percent Volatiles By Volume: NEGLIG

pH: 12.1

Fire and Explosion Hazard Data

Flash Point: NONE
Flash Point Method: TCC
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A

Extinguishing Media: NONE SPECIFIED BY MANUFACTURER.

Special Fire Fighting Proc: WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP

(FP N).

Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MANUFACTURER.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): NONE KNOWN. Materials To Avoid: NONE KNOWN.

Hazardous Decomp Products: NONE KNOWN.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.

Health Hazard Data

LD50-LC50 Mixture: LD50:ORAL(RAT)>5 G/KG

Route Of Entry - Inhalation: NO Route Of Entry - Skin: YES Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: ACUTE:INGEST/DERMAL:NOT TOX. EYE IRRITANT.

ANIMAL STUDIES CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFTS ON CNS,

HEMATOPOIETIC TISSUES, BLOOD, KIDNEYS & LIVER, ASSOCIATED W/ADMIN OF

ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) & ETHYLENE GLYCOL MONOBUTYL ETHER

ACETATE (EGBEA). (EXTRACTED FROM DHHS (NIOSH) PUB NO.90-118).

Carcinogenicity - NTP: NO Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

Signs/Symptoms Of Overexp: PROLONGED CONTACT WITH SKIN OR EYES MAY CAUSE

TRANSIENT IRRITATION.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: EYES:THOROUGHLY RINSE W/PLENTY OF WATER FOR AT LEAST 15 MIN IF CONTACT OCCURS. IF IRRIT PERSISTS, CALL MD. INHAL:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP) (FP N). INGEST:GET MD (FP N).

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SMALL SPILLS: ABSORB & WIPE UP/RINSE AWAY W/ WATER. LARGE SPILLS:DIKE FAR AHEAD OF SPILLS & COLLECT FOR LATER DISPOSAL. AVOID DISCHARGE INTO NATURAL WATERS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: PRODUCT IS BIODEGRADABLE IN ENVIRONMENT BUT MAY BE TOXIC TO FISH. FOLLOW LOCAL, STATE & FEDERAL EFFLUENT PRETREATMENT GUIDELINES & NOTIFY TREATMENT PLANT IN CASE OF LARGE SPILLS.

Precautions-Handling/Storing: IF FROZEN, WILL RETURN TO ORIGINAL CONDITION

IF SHAKEN AFTER THAWING. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: DO NOT SPRAY DIRECTLY INTO ELECTRICAL OUTLETS, NOT

RECOMMENDED FOR USE ON NON-URETHANE VARNISHES.

Control Measures

Respiratory Protection: NOT REQUIRED. √entilation: NORMAL VENTILATION.

Protective Gloves: NOT USUALLY REOUIRED.

Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER. Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER. Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

Transportation Data

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 23AUG91

Label Date: 25JUL91 Label Status: G

Common Name: FANTASTIK ALL PURPOSE CLEANER

Chronic Hazard: YES Signal Word: WARNING! Acute Health Hazard-Slight: X Contact Hazard-Moderate: X

Fire Hazard-None: X

Reactivity Hazard-None: X

Special Hazard Precautions: ACUTE:CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER CLOSED. CHRONIC: MAY EFFECT THE CNS, HEMATOPOIETIC TISSUES, THE BLOOD, KIDNEYS AND LIVER.

Protect Eye: Y

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Label State: SC

Label Zip Code: 29602-0368

Label Country: US

Label Emergency Number: 803-963-4261

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