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Common Name: 3U037 BALL-PHENE

Manufacturer: ITW DYMON

MSDS Revision Date: 6/10/2003

Grainger Item Number(s): 3U037

Manufacturer Model Number(s): 49490-347E-20A, 85431

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MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS (R*) :

HEALTH 3

FLAMMABILITY 3

REACTIVITY 0

PERSONAL PROTECTION A

IDENTITY (AS USED ON LABEL AND LIST) : 3U037 BALL-PHENE

EPA REG. NO. : 11694-99-10637

NOTE:

BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, OR NO INFORMATION IS AVAILABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

SECTION I

MANUFACTURED FOR: W. W. GRAINGER, INC.

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE) :

100 GRAINGER PARKWAY
LAKE FOREST, IL 60045-5201

MANUFACTURER'S NAME: ITW DYMON

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE):
805 EAST OLD 56 HIGHWAY
OLATHE, KS 66061

EMERGENCY TELEPHONE NUMBER: 1-800-228-5635

TELEPHONE NUMBER FOR INFORMATION: (847) 535-5400

DATE PREPARED: JUNE 10, 2003

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS

(SPECIFIC CHEMICAL
IDENTITY,

COMMON NAME(S))

CAS NO.

OSHA PEL

ACGIH-TLV

OTHER LIMITS

RECOMMENDED

% (OPT.)

ETHYL ALCOHOL

64-17-5

1000 PPM

1000 PPM

60-100%

ISOBUTANE

75-28-5

800 PPM

800 PPM

1-5%

PROPANE

74-98-6

1000 PPM

ASPHYXIAN

10-30%

THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY COMPOUND LISTED AND IN QUANTITIES
REQUIRING REPORTING UNDER SARA TITLE III SECTION 313.

TSCA:

ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE LISTED
ON THE TSCA INVENTORY.

ANY SUBSTANCE LISTED AS HAZARDOUS BY THE STATES OF CALIFORNIA, FLORIDA,
ILLINOIS, MICHIGAN, NEW JERSEY, OHIO, PENNSYLVANIA OR TEXAS IS DESCRIBED
ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: CONCENTRATE 176 DEG. F

SPECIFIC GRAVITY (H₂O=1): CONCENTRATE 0.83

PRESSURE (PSIG. @ 70 DEG. F): 70 +/- 5

MELTING POINT: NO DATA

VAPOR DENSITY (AIR=1): NO DATA

EVAPORATION RATE (ETHYL ETHER=1): NO DATA

SOLUBILITY IN WATER: COMPLETE

pH: 8.5 +/- 5

APPEARANCE AND ODOR:

CLEAR LIGHT YELLOW LIQUID WITH AN ALCOHOL AND FLORAL SCENT IN AN AEROSOL CAN.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

USA FLAME PROJECTION TEST: FLAMMABLE

FLAMMABLE LIMITS: NO DATA

LEL: NO DATA

UEL: NO DATA

EXTINGUISHING MEDIA:

USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG, WATER SPRAY.

SPECIAL FIRE FIGHTING PROCEDURES - USE WATER SPRAY TO KEEP CONTAINERS COOL AND VAPORS DOWN. DO NOT ALLOW RUNOFF TO ENTER SEWERS OR PUBLIC WATERCOURSES. WEAR SELF-CONTAINED BREATHING APPARATUS IN CHEMICAL FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS - AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 130 DEG. F.

SECTION V - REACTIVITY DATA

STABILITY:

UNSTABLE ()

STABLE (X)

CONDITIONS TO AVOID - EXTREME HEAT, DIRECT SUNLIGHT

INCOMPATIBILITY (MATERIALS TO AVOID) - STRONG ACIDS AND OXIDIZERS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - CARBON DIOXIDE AND CARBON MONOXIDE

HAZARDOUS POLYMERIZATION:

MAY OCCUR ()

WILL NOT OCCUR (X)

CONDITIONS TO AVOID - NONE KNOWN

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

EYES?

YES

INHALATION?

YES

SKIN?

YES

INGESTION?

NO

HEALTH HAZARDS (ACUTE AND CHRONIC) - DANGER. FLAMMABLE. CONTENTS UNDER PRESSURE. CORROSIVE. CAUSES EYE DAMAGE. HARMFUL OR FATAL IF SWALLOWED. CAUSES SKIN IRRITATION.

CARCINOGENICITY: NONE KNOWN

NTP?

NO

IARC MONOGRAPHS?

NO

OSHA REGULATED?

NO

SIGNS AND SYMPTOMS OF EXPOSURE - REDNESS, TEARING OR BURNING IN EYES. REDNESS, DRYING OR CRACKING SKIN. NAUSEA AND VOMITING IF INGESTED.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - PRE-EXISTING SKIN DISORDERS MAY BE ADVERSELY AFFECTED.

EMERGENCY AND FIRST AID PROCEDURES:

EYES - IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER, LIFTING EYELIDS TO INSURE COMPLETE REMOVAL. FLUSH FOR 15 MINUTES MINIMUM. CONSULT A PHYSICIAN.

INGESTION - IMMEDIATELY DRINK A LARGE QUANTITY OF WATER. CONTACT A PHYSICIAN IMMEDIATELY.

INHALATION - GET TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER ARTIFICIAL RESPIRATION.

SKIN - FLUSH WITH WATER 15 MINUTES MINIMUM. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD. PICK UP WITH AN ABSORBENT MATERIAL. PUT IN SUITABLE CONTAINER FOR PROPER DISPOSAL.

WASTE DISPOSAL METHOD - DO NOT REUSE EMPTY CONTAINER. WRAP AND DISCARD IN TRASH. DO NOT CONTAMINATE WATER, 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. DO NOT PUNCTURE OR INCINERATE CONTAINER. FOLLOW LABEL DIRECTIONS CAREFULLY FOR DISPOSAL OF INFECTIOUS WASTES.

*DISCARD CONTAINER IF ALLOWED BY APPLICABLE STATUTES. CONSULT LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - FLAMMABLE. CONTENTS UNDER

PRESSURE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. DO NOT PUNCTURE OR INCINERATE CONTAINER. STORE IN A COOL (UNDER 120 DEG. F) LOCATION. DO NOT USE OR STORE NEAR IGNITION SOURCES SUCH AS HEAT, SPARKS, OPEN FLAME, AND DIRECT SUNLIGHT. DIRECT SPRAY AWAY FROM FACE. REPLACE CAP WHEN NOT IN USE. STORE CONTAINERS INDOORS AND IN A DRY AREA. KEEP FROM FREEZING.

OTHER PRECAUTIONS - FOLLOW LABEL DIRECTIONS CAREFULLY. KEEP OUT OF REACH OF CHILDREN. DO NOT DELIBERATELY CONCENTRATE AND INHALE VAPORS. DO NOT GET IN EYES. DO NOT GET ON SKIN OR ON CLOTHING.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE) - NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. IF PELS OR TLVS ARE EXCEEDED (SEE SECTION II), USE AN APPROVED NIOSH\MSHA RESPIRATOR.

VENTILATION:

LOCAL EXHAUST - NOT USUALLY NECESSARY

MECHANICAL (GENERAL) - YES

SPECIAL - NONE

OTHER - NONE

PROTECTIVE GLOVES - YES (RUBBER)

EYE PROTECTION - GOGGLES OR FACE SHIELD

OTHER PROTECTIVE CLOTHING OR EQUIPMENT - NOT USUALLY NECESSARY.

WORK/HYGIENIC PRACTICES - NORMAL. WASH THOROUGHLY BEFORE EATING, DRINKING, SMOKING, USING RESTROOMS, ETC.

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, W.W. GRAINGER, INC. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.