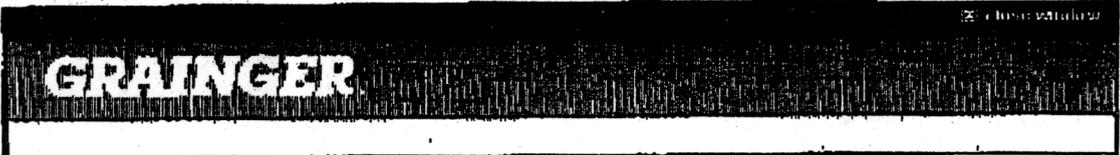


BALL SHOWBOAT



**BALL
SHOWBOAT**

Revised: 2/14/2002

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Item Number:

3TB87, 3TB88, 3TB89, 2U116, 2U117, 2U119

Mfg. Model Number:

Show Boat, SHOWBOAT

MSDS NO. 7S673

BALL (R+)

MANUFACTURED FOR:

W.W. GRAINGER, INC.
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045-5201 USA
(847) 535-1000

TECHNICAL SERVICE: (847) 535-5400
EMERGENCY PHONE: (800) 228-5635
PRODUCT CODE: SKU # 2U116 2U117 2U119
ITEM #: 8160110 8160050 8160320

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SHOWBOAT
PRODUCT TYPE: DISWASHING LIQUID
MSDS DATE: FEBRUARY 14, 2002

HMS HAZARD RATING:
HEALTH = 2
FLAMMABILITY = 0
REACTIVITY = 0

HMS SCALE:
4=VERY HIGH
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT

I INGREDIENTS

CAS NUMBER OSHA (PEL) ACGIH (TLV) &

BALL - SHOWBOAT 2/14/2002

<http://imv.complyplus.com/grainger/msds/english/4000/004468.htm>

WATER	7732-18-5	NA	NA	
SODIUM DODECYLBENZENESULFONATE	25155-30-0	NE	NE	10-20
ALCOHOL ETHOXY SULFATE	NA	NE	NE	1-5

NONE OF THE INGREDIENTS ARE REPORTABLE UNDER S.A.R.A. TITLE III SECTION 313.

II PHYSICAL DATA

APPEARANCE & ODOR: CLEAR, AMBER LIQUID;
PLEASANT FRAGRANCE.

BOILING POINT: APPROX. 212 DEG. F

SPECIFIC GRAVITY (WATER = 1): 1.03

VAPOR PRESSURE (MMHG 20 DEG. C): NA

VOLATILE ORGANIC COMPOUND: 10 GRAMS/LITER

VAPOR DENSITY (AIR=1): NA

PH: 7.0-8.5

SOLUBILITY IN WATER: COMPLETE

EVAP. RATE (BUAC=1): NA

III FIRE & EXPLOSION HAZARD

FLASH POINT = NA

AUTO IGNITION TEMP = NA

FLAMMABLE LIMIT
LEL = NA
UEL = NA

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

EXTINGUISHING MEDIA:
(X) WATER SPRAY
(X) CARBON DIOXIDE
(X) FOAM
(X) DRY CHEMICAL
() NA

IV REACTIVITY DATA

STABILITY

- STABLE
- UNSTABLE

CONDITIONS TO AVOID: NA

HAZARDOUS POLYMERIZATION

- MAY OCCUR
- WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

HAZARDOUS DECOMPOSITION/BYPRODUCT:

OXIDES OF CARBON AND NITROGEN.

V HEALTH HAZARD INFORMATION & FIRST AID PROCEDURES

A. CHRONIC HEALTH HAZARD:

NONE KNOWN

B. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

NONE KNOWN

C. CARCINOGENICITY:

NTP YES IARC YES OSHA YES PROP 65 YES
 NO NO NO NO

	ROUTE OF ENTRY	SIGNS & SYMPTOMS OF ACUTE OVEREXPOSURE/ EMERGENCY & FIRST AID PROCEDURES
EYES	X	REDNESS, TEARING, BURNING FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
INHALATION	X	COUGHING, IRRITATED NASAL PASSAGES MOVE SUBJECT TO FRESH AIR. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.
INGESTION	X	NAUSEA, VOMITING AND DIARRHEA. MAY ALSO CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, HEADACHE, DIZZINESS DILUTE BY GIVING TWO GLASSES OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
SKIN	X	REDNESS, RASH, MILD SWELLING, IRRITATION WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

VI PRECAUTION FOR SAFE HANDLING AND USE

MATERIAL IS SPILLED/RELEASED:
MOP UP MATERIAL OR PICK UP WITH ABSORBENT MATERIAL. RINSE WITH WATER.

WASTE DISPOSAL:
FOLLOW ALL FEDERAL, STATE, AND LOCAL WASTE REGULATIONS.

HANDLING & STORING:
KEEP OUT OF REACH OF CHILDREN.

OTHERS:
FOLLOW NORMAL HYGIENE PRACTICES.

VII SPECIAL PROTECTION INFORMATION

RESPIRATORY

- NONE
- DUST MASK
- CANISTER

VENTILATION

- NONE
- LOCAL EXHAUST
- MECHANICAL

PROTECTIVE GLOVES

- NONE
- CHEMICALLY RESISTANT
- FOR PROLONGED CONTACT

EYE PROTECTION

- NONE
- EYE PROTECTION/SPLASH GOGGLES
- FACE SHIELD

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
NONE.

VIII D.O.T. INFORMATION

PROPER SHIPPING NAME:

HAZARD CLASS:

UN/NA NUMBER:

OTHER: THIS PRODUCT IS NOT D.O.T. REGULATED

MSDS PREPARED BY: PRODUCT SAFETY & REGULATORY

THE INFORMATION CONTAINED HEREIN HAS BEEN DEVELOPED BASED UPON CURRENT AVAILABLE SCIENTIFIC DATA. NEW INFORMATION MAY BE DEVELOPED FROM TIME TO TIME WHICH MAY RENDER THE CONCLUSIONS OF THIS REPORT OBSOLETE. THEREFORE, NO WARRANTY IS EXTENDED AS TO THE APPLICABILITY OF THIS INFORMATION TO THE USER'S INTENDED PURPOSE OR FOR THE CONSEQUENCES OF ITS USE OR MISUSE.

NA = NOT APPLICABLE
NE = NOT ESTABLISHED
NH = NOT HAZARDOUS