



Common Name: SUN UP

Manufacturer: RAMSEY

MSDS Revision Date: 1/1/2000

Grainger Item Number(s): 2U096, 2U097, 2U098, 2U099, 3U040

Manufacturer Model Number(s): 70153, 70157, SUN-UP

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MSDS NO. 7S680

BALL(R*)

MANUFACTURED FOR:

W.W. GRAINGER

100 GRAINGER PARKWAY

LAKE FOREST, IL 60045-5201 USA

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TECHNICAL SERVICE: (847) 535-5400

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PRODUCT CODE: SKU # 2U096 2U099

ITEM #: 8170110 8170320

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SUN UP

PRODUCT TYPE: GLASS CLEANER RTU

MSDS DATE: JANUARY 1, 2000

HMIS HAZARD RATING:

HEALTH = 1
FLAMMABILITY = 2
REACTIVITY = 0

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

I INGREDIENTS

	CAS NUMBER	OSHA (PEL)	ACGIH (TLV)	%
WATER	7732-18-5	NA	NA	
** (PA,NJ,MA) ISOPROPANOL	67-63-0	400 PPM	400 PPM	1-3
*, ** (PA,NJ,MA) 2-BUTOXYETHANOL	111-76-2	25 PPM (SKIN)	25 PPM (SKIN)	4-7
** (PA,NJ,MA) SODIUM LAURYL ETHER SULFATE	32612-48-9	NE	NE	1-2
** (PA,NJ,MA) AMMONIUM HYDROXIDE	1336-21-6	NE	NE	< 1

* REPORTABLE UNDER S.A.R.A. TITLE III SECTION 313.

** SUBJECT TO REPORTING REQUIREMENTS UNDER THE PENNSYLVANIA, NEW JERSEY, AND MASSACHUSETTS HAZARDOUS SUBSTANCE LIST.

II PHYSICAL DATA

APPEARANCE & ODOR: CLEAR TURQUOISE LIQUID, AMMONIA ODOR.

BOILING POINT: APPROX. 212 DEG. F

SPECIFIC GRAVITY (WATER = 1): 0.83

VAPOR PRESSURE (MMHG 20 DEG. C): NA

VOLATILE ORGANIC COMPOUND: 74 GRAMS/LITER

VAPOR DENSITY (AIR=1): NA

PH: 6.0-7.0

SOLUBILITY IN WATER: COMPLETE

EVAP. RATE (BUAC=1): NA

III FIRE & EXPLOSION HAZARD

FLASH POINT: = 145 DEG. F PMCC

AUTO IGNITION TEMP = NA

FLAMMABLE LIMIT:

LEL = NA

UEL = NA

SPECIAL FIRE FIGHTING PROCEDURES:

NONE

UNUSUAL FIRE & EXPLOSION HAZARDS:

NONE

EXTINGUISHING MEDIA:

☒ WATER SPRAY

☒ CARBON DIOXIDE

☒ FOAM

☒ 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:

2-BUTOXYETHANOL HAS BEEN FOUND TO CAUSE KIDNEY, LIVER AND BLOOD EFFECTS IN LABORATORY ANIMALS.

B. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE :

NONE KNOWN

C. CARCINOGENICITY:

NTP	YES ()	(X) NO
IARC	YES ()	(X) NO
OSHA	YES ()	(X) NO
PROP 65	YES ()	(X) NO

	ROUTE OF ENTRY	SIGNS & SYMPTOMS OF ACUTE OVEREXPOSURE/ EMERGENCY & FIRST AID PROCEDURES
EYES	X	REDNESS, TEARING FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
INHALATION	X	NAUSEA, HEADACHE, IRRITATED NASAL PASSAGES. MOVE SUBJECT TO FRESH AIR. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.
INGESTION	X	GASTRO-INTESTINAL DISTURBANCES DILUTE BY GIVING TWO GLASSES OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
SKIN	X	REDNESS, DRYNESS, 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:
(X) 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:

EYEWASH, PROTECTIVE CLOTHING.

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: EH & S/REGULATORY AFFAIRS

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NA = NOT APPLICABLE

NE = NOT ESTABLISHED

NH = NOT HAZARDOUS