



Common Name: HOT SHOT

Manufacturer: RAMSEY

MSDS Revision Date: 1/1/2000

Grainger Item Number(s): 2U120

Manufacturer Model Number(s): 50321

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MSDS NO. 7S474

BALL (R*)

MANUFACTURED FOR:

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PRODUCT CODE: SKU # 2U120

ITEM #: 8140110

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: HOT SHOT

PRODUCT TYPE: HEAVY DUTY ALKALINE CLEANER

MSDS DATE: JANUARY 1, 2000

HMIS HAZARD RATING:

HEALTH = 2

FLAMMABILITY = 0

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) SODIUM HYDROXIDE	1310-73-2	2 PPM (CEILING)	2 PPM (CEILING)	9-11
** (PA, NJ, MA) 2-BUTOXYETHANOL	111-76-2	25 PPM (SKIN)	25 PPM (SKIN)	4-6
SODIUM XYLENE SULFONATE	1300-72-7	NE	NE	4-6
ETHOXYLATED NYNYL PHENOL	9016-45-9	NE	NE	2-4

* 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:	COLORLESS TO LIGHT YELLOW LIQUID; MILD BUTYL ODOR.
BOILING POINT:	APPROX. 212 DEG. F
SPECIFIC GRAVITY (WATER = 1):	1.12
VAPOR PRESSURE (MMHG 20 DEG. C):	NA
VOLATILE ORGANIC COMPOUND:	56 GRAMS/LITER
VAPOR DENSITY (AIR=1):	NA
PH:	13
SOLUBILITY IN WATER:	COMPLETE
EVAP. RATE (BUAC=1):	NA

III FIRE & EXPLOSION HAZARD

FLASH POINT: = >200 DEG. F PMCC

AUTO IGNITION TEMP = NE

FLAMMABLE LIMIT:
LEL = NE
UEL = NE

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:
(X) STABLE
() UNSTABLE

CONDITIONS TO AVOID: NA

HAZARDOUS POLYMERIZATION:
 () MAY OCCUR
 (X) 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, BURNING FLUSH THOROUGHLY WITH WATER, REMOVE ANY CONTACT LENSES. CONTINUE TO FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS, 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 DRINK PLENTY OF WATER AND CONTACT A PHYSICIAN AND POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. NEVER INDUCE VOMITING IN 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. WARNING: CORROSIVE

OTHERS:

FOLLOW NORMAL HYGIENE PRACTICES.

VII SPECIAL PROTECTION INFORMATION



RESPIRATORY:

- (X) NONE
() DUST MASK
() CANISTER

VENTILATION:

- () NONE
(X) LOCAL EXHAUST
() MECHANICAL

PROTECTIVE GLOVES:

- () NONE
(X) RUBBER OR NEOPRENE

EYE PROTECTION:

- () NONE
(X) SPLASH GOGGLES
() FACE SHIELD

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

EYEWASH, PROTECTIVE CLOTHING.

VIII D.O.T. INFORMATION



PROPER SHIPPING NAME: SODIUM HYDROXIDE SOLUTION
HAZARD CLASS: 8
UN/NA NUMBER: UN1824
OTHER: PACKAGING GROUP II, ERG 154

MSDS PREPARED BY: EH & S/REGULATORY AFFAIRS

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NA = NOT APPLICABLE

NE = NOT ESTABLISHED

NH = NOT HAZARDOUS