

CRC

SMOKE TEST 02105, 14160, 72105 Revised: 3/14/2002

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Item Number:
3VG75

Mfg. Model Number:
02105

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: SMOKE TEST(R*)

PRODUCT NUMBER(S): 02105, 14160, 72105

MANUFACTURED BY:
CRC INDUSTRIES, INC.
885 LOUIS DRIVE
WARMINSTER, PA 18974
(215) 674-4300

24-HOUR EMERGENCY INFORMATION:
CHEMTREC: (800) 424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
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1,2,3-PROPANETRIOL	56-81-5	10 MG/M3	(MIST)	NE	1-5
ETHANOL	64-17-5	1000 PPM	1000 PPM	NE	25-35
PROPANE	74-98-6	NE	1000 PPM	NE	25-35
ISOBUTANE	75-28-5	NE	NE	1000 PPM	25-35

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

APPEARANCE & ODOR: COLORLESS LIQUID, ALCOHOL ODOR.

DANGER: EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE.

POTENTIAL HEALTH EFFECTS:

INHALATION: HIGH VAPOR CONCENTRATION MAY CAUSE DROWSINESS AND IRRITATION.

EYES: IRRITATION

SKIN: IRRITATION

INGESTION: NA

CARCINOGENICITY:

OSHA: NO

IARC: NO

NTP: NO

CHRONIC OVEREXPOSURE:

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING, CRACKING OR IRRITATION.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

SECTION 4: FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY.

EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

SKIN: REMOVE CONTAMINATED CLOTHING AND WASH AREA WITH SOAP AND WATER.

INGESTION: CALL A PHYSICIAN. INDUCE VOMITING.

SECTION 5: FIRE-FIGHTING MEASURES

FLASHPOINT: 56 DEG. F
METHOD: TCC

LEL: 3.5
UEL: 21.2

EXTINGUISHING MEDIA: WATER SPRAY, CO2, DRY CHEMICAL AND ALCOHOL FOAM

HAZARDOUS COMBUSTION PRODUCTS: ACROLEIN

FIRE-FIGHTING INSTRUCTIONS:

REMOVE CONTAINERS FROM FIRE AREA IF POSSIBLE, USE SELF-CONTAINED BREATHING APPARATUS FOR FIRE FIGHTING. AEROSOL CANS MAY EXPLODE IF HEATED ABOVE 120 DEG. F.

NFPA:

HEALTH 2
FLAMMABILITY 4
REACTIVITY 0

HMIS:

HEALTH 2
FLAMMABILITY 4
REACTIVITY 0
PPE B

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES:

USUALLY NOT A PROBLEM WITH AEROSOLS. AREA SHOULD BE VENTILATED. ABSORBENT SHOULD BE USED TO PICK UP EXCESS MATERIAL. ALL USED AND UNUSED PRODUCT SHOULD BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 7: HANDLING AND STORAGE

HANDLING PROCEDURES:

STORE IN A COOL, DRY AREA. AEROSOL CANS MUST BE MAINTAINED BELOW 120

DEG. F TO PREVENT CANS FROM EXPLODING.

AEROSOL LEVEL: III

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

ADEQUATE TO PREVENT ACCUMULATION OF VAPORS. USE MECHANICAL MEANS IF NECESSARY TO MAINTAIN LEVELS BELOW THE EXPOSURE LIMITS. IF WORKING IN A CONFINED SPACE, FOLLOW APPLICABLE OSHA REGULATIONS.

RESPIRATORY:

USE NOISH/MSHA COMPLIANT RESPIRATORS OR SELF-CONTAINED BREATHING APPARATUS ABOVE EXPOSURE LIMITS. FOLLOW OSHA REGULATIONS 29 CFR 1910.134.

PROTECTIVE CLOTHING/EQUIPMENT:

WEAR CHEMICALLY PROTECTIVE GLOVES AND SAFETY GLASSES. USE A SPLASH APRON AND BOOTS IF SPLASHING OCCURS.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

APPEARANCE & ODOR: COLORLESS LIQUID, ALCOHOL ODOR

SPECIFIC GRAVITY: 0.81

BOILING POINT: 172 DEG. F (INITIAL)

FREEZING POINT: ND

VAPOR PRESSURE: ND

EVAPORATION RATE: NA

VAPOR DENSITY (AIR = 1): 1.6 (EST.)

pH: NA

SOLUBILITY: APPRECIABLE IN WATER

VOLATILE ORGANIC COMPOUNDS:

%: 100

G/L: 810

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: NO

CHEMICAL INCOMPATIBILITIES: STRONG OXIDIZERS.

MATERIALS TO AVOID: STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION 11: TOXICOLOGICAL INFORMATION

LONG-TERM TOXICOLOGICAL STUDIES HAVE NOT BEEN CONDUCTED FOR THIS PRODUCT. SEE SECTION 3 OF THIS MSDS FOR ACUTE SYMPTOMS OF OVEREXPOSURE AND CARCINOGENICITY INFORMATION.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: NO DATA AVAILABLE.

ENVIRONMENTAL FATE: NO DATA AVAILABLE FOR BIODEGRADATION.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL:

THIS MATERIAL IF DISCARDED MAY BE HAZARDOUS WASTE UNDER U.S. EPA RCRA REGULATIONS. ALL DISPOSAL ACTIVITIES MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS. CONTACT YOUR LOCAL OR STATE ENVIRONMENTAL AGENCY FOR SPECIFIC RULES. DO NOT DUMP INTO SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER.

SECTION 14: TRANSPORTATION INFORMATION

SHIPPING NAME: CONSUMER COMMODITY
HAZARD CLASS: ORM-D
UN NUMBER: NA
PACKING GROUP: NA
LABEL: NA
PLACARD: NA
SPECIAL PROVISIONS: NA

SECTION 15: REGULATORY INFORMATION

TSCA: ALL COMPONENTS ARE EITHER LISTED UNDER TSCA OR ARE EXEMPT.

SARA TITLE III:
SECTION 311/312: ACUTE, PRESSURE
SECTION 313*: NONE

CERCLA/SUPERFUND (RQ): NA

EXTREMELY HAZARDOUS SUBSTANCES: NO

CALIFORNIA PROP 65: NO

* SEE SECTION 2 FOR PERCENTAGE

SECTION 16: ADDITIONAL INFORMATION

PREPARED BY: ADAM M. SELISKER

DATE: MARCH 14, 2002

TECHNICAL INFORMATION: (800) 521-3168

CRC #: 418

THIS INFORMATION IS ACCURATE TO THE BEST OF CRC INDUSTRIES' KNOWLEDGE OR OBTAINED FROM SOURCES BELIEVED BY CRC TO BE ACCURATE. BEFORE USING ANY

PRODUCT, READ ALL WARNINGS AND DIRECTIONS ON THE LABEL.

CAS: CHEMICAL ABSTRACT SERVICE
PPM: PARTS PER MILLION
TCC: TAG CLOSED CUP
LEL: LOWER EXPLOSIVE LIMIT
UEL: UPPER EXPLOSIVE LIMIT
PPE: PERSONAL PROTECTION EQUIPMENT
COC: CLEVELAND CLOSED CUP
NA: NOT APPLICABLE
ND: NOT DETERMINED
NE: NOT ESTABLISHED
G/L: GRAMS PER LITER
LBS./GAL: POUNDS PER GALLON
RQ: REPORTABLE QUANTITY