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2400, 2401, 2402, 2405, 2408, 2409, 2410, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2423, 2424, 2425, 2428, 2429, 2430,
2431, 2432, 2448, 2450, 2455, 2480, 2481, 2490, 2499

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION: 10-22-97
MANUFACTURER'S NAME: GUARDSMAN PRODUCTS BUSINESS UNIT
MANUFACTURER'S ADDRESS: LILLY INDUSTRIES, INC.
4999 36TH STREET S.E.
GRAND RAPIDS, MI 49518
EMERGENCY (CHEM-TEL) PHONE NO.: 1-800-255-3924
EMERGENCY/INFORMATION PHONE NO.: (616) 940-2900

SECTION I: PRODUCT INFORMATION

PRODUCT NAME: Goof Off Non-Aerosol
MANUFACTURERS CODE IDENTIFICATION: 2400, 2401, 2402, 2405, 2408, 2409, 2410, 2414, 2415, 2416,
2417, 2418, 2419, 2420, 2423, 2424, 2425, 2428, 2429, 2430,
2431, 2432, 2448, 2450, 2455, 2480, 2481, 2490, 2499
PRODUCT CLASS: Liquid Cleaner

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	CAS Number	BY WGT. %	Occupational Exposure Limits				VAPOR PRES.
			PEL	TLV	UNITS	LEL	mmHg
+ Xylene	1330-20-7	90 - 95	100	100	ppm	1.00	6.60
+ Diethylene glycol monomethyl ether	111-77-3	1 - 5	---	---	---	ND	ND

+ SARA III - Section 313 Toxic Chemical

SECTION III: PHYSICAL DATA

EVAPORATION RATE: FASTER X SLOWER THAN ETHER
VAPOR DENSITY: X HEAVIER --- LIGHTER THAN AIR
BOILING RANGE: 147°F Initial Boiling Point C.A.R.B. VOC: 99%
PERCENT VOLATILE: 99% WEIGHT PER GALLON: 7.29 lbs typical

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASS: IB Flammable Liquid
LOWER EXPLOSIVE LIMIT: See Section II
HMIS RATING:
Health 2 Flammability 3 Reactivity 0
FLASH POINT: 80°F
EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide. Water is not suitable as an extinguishing media, but may be used to cool nearby containers.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: Pressure may develop in closed containers if overheated. Empty containers with residual amounts of material are still potentially flammable. Flammable liquids may release vapors which can form a flammable mixture with air at or above the flashpoint.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear normal protective equipment and positive pressure breathing apparatus.

SECTION V: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: May cause eye irritation, redness, tearing, blurred vision. Skin contact may cause irritation, redness, and dermatitis and defatting with prolonged or repeated overexposure. Excessive inhalation of vapors may cause respiratory irritation, dizziness, nausea, and asphyxiation. Ingestion may cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into lungs may cause chemical pneumonitis, which can be fatal. Prolonged or repeated occupational overexposure to solvents may cause permanent brain and nervous system damage. Intentional misuse may be harmful or fatal.

EMERGENCY FIRST AID PROCEDURES: For eye contact, flush with running water for 15 minutes, holding lid open to expose surface of eye, contact physician. For skin, remove contaminated clothing and shoes, wash with mild soap and water. If affected by vapors or spray mists, remove to fresh air at once. Apply artificial respiration if necessary, contact physician immediately. If swallowed, do not induce vomiting, get medical attention immediately.

SECTION VI: REACTIVITY DATA

STABILITY: ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID: Exposure to high heat, sparks, open flame, or other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers like chlorine.

HAZARDOUS DECOMPOSITION PRODUCTS: Fumes, smoke, CO_x, oxides of other organic elements.

HAZARDOUS POLYMERIZATION: ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID: Avoid high temperatures, direct heat.

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove ignition sources. Dike and take up with absorbent material like earth or floor dry. Ensure adequate ventilation, avoid buildup of vapors.

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below exposure guidelines. When respiratory protection is required, use appropriate, properly fitted NIOSH/MSHA approved equipment.

The Information Contained Herein is Based on Data Believed to be Reliable by
Lilly Industries, Inc.

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VENTILATION: Control airborne concentrations below exposure guidelines. Local exhaust ventilation may be necessary.

PROTECTIVE GLOVES: Use chemical resistant gloves when necessary to protect from personal exposure.

EYE PROTECTION: Face shield or safety glasses are recommended.

OTHER PROTECTIVE EQUIPMENT: Other protective clothing should be used as necessary to protect from personal exposure. Ground all containers when transferring material.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not in use. Do not use or store near open flame or strong oxidizers.

OTHER PRECAUTIONS: Avoid breathing vapors or spray mists. Avoid prolonged or repeated personal contact. Wash thoroughly after use.

DOT INFORMATION

UN Number	UN1307
Classification	3
Proper Shipping Name	Xylene solution
Packing Group	III
Exceptions	49CFR §173.150(b) & (c) allow for the use of the "ORM-D Consumer Commodity" classification for domestic ground shipment of packages <1.3 gallons net each.

KEEP OUT OF REACH OF CHILDREN