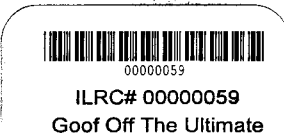




# MATERIAL SAFETY DATA SHEET

2400, 2401, 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, 2494, 2499

**DATE OF PREPARATION:** 30AUG00  
**MANUFACTURER'S NAME:** Specialty Business Unit  
**MANUFACTURER'S ADDRESS:** Lilly Industries, Inc.  
4999 36<sup>th</sup> Street S.E.  
Grand Rapids, MI 49518  
**EMERGENCY (CHEM-TEL) PHONE NUMBER:** 1-800-255-3924  
**EMERGENCY/INFORMAITON PHONE NUMBER:** (616)940-2900



## SECTION I: PRODUCT INFORMATION

**PRODUCT NAME:** Goof Off, Non-Aerosol  
**MANUFACTURER'S CODE IDENTIFICATION:** 2400, 2401, 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, 2494, 2499  
**PRODUCT CLASS:** Liquid Solvent Cleaner

## SECTION II: HAZARDOUS INGREDIENTS

Ingredient	CAS Number	% By Wgt.	PEL	TLV	Units	LEL	Vapor Pres. (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  SLOWER THAN ETHER   
**VAPOR DENSITY:** HEAVIER  LIGHTER THAN AIR   
**BOILING RANGE:** 147°F Initial Boiling Point **C.A.R.B. VOC:** 99%  
**PERCENT VOLATILE:** 99 **POUNDS PER GALLON:** 7.3 Typical **SPECIFIC GRAVITY:** 0.87 Typical

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY CLASS:** IB **LOWER EXPLOSIVE LIMIT:** See Section II  
**HMS RATING:** HEALTH  2 **FLAMMABILITY**  3 **REACTIVITY**  0  
**FLASHPOINT (METHOD):** 50°F (TCC)  
**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide. Water is not suitable as an extinguishing media, but may be used to cool nearby containers.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Pressure may develop in closed containers if overheated.  
**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, dermatitis and defatting with prolonged or repeated exposure. Excessive inhalation of vapors may cause respiratory irritation, dizziness, nausea, asphyxiation. Ingestion may cause gastrointestinal irritation,



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**EFFECTS OF OVEREXPOSURE Cont.**

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 by deliberate concentration and inhalation of contents 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, contact physician, poison control center, or hospital emergency room immediately. If victim is conscious, give a glassful of water or milk. Never give anything by mouth to an unconscious person.

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**SECTION VI: REACTIVITY DATA**

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**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, other unknown organic oxides are possible.

**HAZARDOUS POLYMERIZATION:** MAY OCCUR  WILL NOT OCCUR

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**SECTION VII: SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:** Remove ignition sources. Dike and take up with absorbent material. Ensure with adequate ventilation, avoid build up of vapors.  
**WASTE DISPOSAL METHOD:** Dispose of in accordance with all applicable state, local, and federal regulations.

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**SECTION VIII: SPECIAL PROTECTION INFORMATION**

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**RESPIRATORY PROTECTION:** None required in normal use. Atmospheric levels should be maintained below exposure guidelines. When respiratory protection is required, use appropriate, properly fitted NIOSH/MSHA approved equipment.  
**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.

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**SECTION IX: SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep containers closed when not in use. Do not use or store near open flame, sources of ignition, or strong oxidizers.  
**OTHER PRECAUTIONS:** Avoid breathing vapors or spray mists. Avoid prolonged or repeated personal contact. Wash thoroughly after use.



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2480, 2481, 2490, 2494, 2499

**DOT INFORMATION**

**UN Number:** UN1307  
**Classification:** 3  
**Proper Shipping Name:** Xylene solution  
**Packing Group:** II  
**Exceptions:** 49CFR §173.150 (ORM-D) may be applicable in domestic ground transportation of flammable liquids (Class 3) in some product sizes.

**KEEP OUT OF REACH OF CHILDREN**

**ABBREVIATIONS**

NE Not Established  
NA Not Applicable  
ND Not Determined

**Creation Date:** 29APR97  
**Revision Date:** 31AUG00  
**Revision Number:** 5.0

