

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME AND IDENTIFICATION: Urinal Cleaner	COMPANY NAME AND ADDRESS: Kohler Co. 444 Highland Drive, Kohler, Wisconsin 53044 USA		
CHEMICAL NAME, USE AND RESTRICTIONS: Urinal Cleaner for industrial and commercial use only	EMERGENCY PHONE: Poison Control Center at 1-800-222-1222	NON-EMERGENCY PHONE: 1-800-456-4537 (8am – 5pm CST)	
TRADE NAME: Urinal Cleaner	EMAIL ADDRESS: info@kohler.com	WEBSITE: www.kohler.com	

SECTION 2: HAZARDS IDENTIFICATION & GHS CLASSIFICATION

HEALTH	ENVIRONMENTAL	PHYSICAL
Acute Toxicity: Category 5 Skin Sensitization: Category 5	Eye Irritant: Category 2A Skin Irritation: Category 5 Acute Toxicity: None Known Chronic Toxicity: None Known	None Established

GHS LABEL: 	SIGNAL WORD: WARNING Not a dangerous substance according to GHS Classification	WHMIS CLASSIFICATION: Not a dangerous substance according to WHMIS Classification
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HAZARD STATEMENTS	GENERAL PRECAUTIONARY STATEMENTS		
H303: May be harmful if swallowed H320: Causes eye irritation H317: May cause an allergic skin reaction	P101: If medical advice is needed, have product container or label at hand P103: Read label before use P202: Do not handle until all safety precautions have been read and understood P270: Do not eat, drink or smoke when using this product	P102: Keep out of reach of children P234: Keep only in original container P235+410: Keep cool. Protect from sunlight P403+233: Store in a well ventilated place. Keep container tightly closed	

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT - COMMON NAME (SYNONYMS)	WEIGHT PERCENT	CAS NUMBER	RECOMMENDED LIMITS
Dipropylene Glycol Ethers (DPM, 1-(2-methoxyisopropoxy)-2-propanol)	> 10.0	34590-94-8	100 ppm (TLV and PEL)*
Proprietary blend of non-hazardous components**	> 4.0	Proprietary Blend**	Not Determined
Water (Hydrogen Oxide, Dihydrogen Monoxide)	75-95 %	7732-18-5	Not Determined

** This product also contains a proprietary blend of non-hazardous components covered under OSHA Trade Secrets (29 CFR 1910.1200(i)) section.

SECTION 4 – FIRST AID MEASURES

INGESTION	SKIN CONTACT	EYE CONTACT	INHALATION
Do not eat or drink this material in concentrated or dilute form. Product may cause nausea and weakness if consumed. IF Ingested: Drink a quart of water. Induce vomiting. Never give anything by mouth to an unconscious person. Call a physician promptly.	For concentrated product or diluted product, rinse affected area with fresh water. It is a good idea to wash soaked or heavily contaminated clothing before reuse. After flushing skin, use skin lotion to restore moisture to the skin and relieve possible dryness or redness.	Flush eyes thoroughly for 20 minutes with plenty of fresh, cool water. Hold lids open while flushing. If irritation persists after flushing or if irritation is for some reason severe, call a physician promptly.	Remove affected person to fresh air. If prolonged shortness of breath or dizziness persists, call a physician promptly.

Note to physician: Treatment of overexposure should be directed at the control of symptoms and the patient's clinical condition. Product contains non-hazardous non-ionic surfactants and dipropylene glycol ethers.

SECTION 5 - FIREFIGHTING MEASURES

EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, water spray.	HAZARD	HMIS	NFPA	HMIS/NFPA Rating KEY: 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe
UNUSUAL FIRE HAZARDS	NONE	Health	1	1	
EXPOSURE HAZARDS	NONE	Flammability	0	0	
COMBUSTION PRODUCTS	Oxides of carbon and smoke	Reactivity	0	0	
PROTECTION FOR FIREFIGHTERS	Wear self-contained breathing apparatus to avoid inhaling decomposition byproducts.	PPE	D		

SECTION 6 – ACCIDENTAL RELEASE MEASURES (Also See Section 13)

PERSONAL PRECAUTIONS	ENVIRONMENTAL PRECAUTIONS	METHODS FOR CLEANUP
Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up. Ensure adequate ventilation. Avoid all sources of ignition, hot surfaces and open flames.	Prevent spills from entering storm sewers or drains and contact with soil. Do not dump waste material on the ground, into storm sewers or into public waterways.	Treat as a non-hazardous spill. If spill is large, contain material and prevent it from reaching storm sewers or public waterways. Absorb with clay or diatomaceous earth. Dispose in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	CONDITIONS FOR SAFE STORAGE
Use in well-ventilated area away from all ignition sources. Read and understand the SDS before using this product. Avoid contact with eyes. Avoid prolonged repeated skin contact and breathing mists/vapors. Avoid ALL hand to mouth activities (drink/eat/etc.) when using this product. Do not breathe mist/vapors. Wash thoroughly after handling.	Keep containers tightly closed when not in use. Avoid contamination with dirt or other foreign matter. Store in cool and dry area away from open flames and other sources of ignition. Keep out of direct sunlight. Make sure containers are labeled properly. Should containers be subjected to excessive heat, cool them with water spray. Product should be used at normal ambient temperatures. Do not empty waste into sanitary drains.

SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

RESPIRATORY PROTECTION	SKIN PROTECTION	EYE PROTECTION	ENGINEERING CONTROLS
Not normally required in well-ventilated areas. A NIOSH-approved dust/mist respirator may be used if necessary.	Chemical resistant gloves and other protective clothing as needed to avoid skin contact.	Safety goggles or safety glasses as needed to prevent eye contact. Do not wear contact lenses.	Good general ventilation should be sufficient to control possible vapors.

EXPOSURE LIMITS:	HAZARDOUS COMPONENT (S)	CAS NUMBER	VALUE	CONTROL PARAMETERS
	Dipropylene Glycol Ethers	34590-94-8	100 ppm (TLV and PEL) *See Remarks	OSHA Permissible Exposure Limit (PEL), ACGIH Threshold Limit Values (TLV)

* **Remarks** - The current Threshold Limit Value (TLV) for dipropylene glycol methyl ether (DPM) is 100 parts per million (ppm) per American Conference of Governmental Industrial Hygienists (ACGIH), with a Short Term Exposure Limit (STEL) of 150 ppm. DPM is considered to be a slight to moderate health hazard in pure, concentrated form. OSHA is retaining a Permissible Exposure Limit (PEL) of 100 ppm for DPM.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to Yellowish	BOILING POINT: Over 212°F	VAPOR PRESSURE: None Established
PHYSICAL STATE: Liquid	FLAMMABILITY: Non Flammable	VAPOR DENSITY: None Established
ODOR (THRESHOLD): No noticeable odor (N/A)	FLASH POINT: Not Available	PARTITION COEFFICIENT: None Established
PH: 6.5-7.5 (Neutral)	AUTO-IGNITION: None Established	SOLUBILITY: 100% Soluble in Water
EVAPORATION RATE: None Established	UPPER/LOWER LIMITS: None Established	VISCOSITY: Similar to Tap Water
MELTING POINT: None Established	DECOMPOSITION TEMP: None Established	RELATIVE DENSITY: 1.005-1.010

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable - No decomposition, if used according to specifications.	CONDITIONS TO AVOID: Excessive heat, ignition sources and build up of static electricity.
MATERIALS TO AVOID (INCOMPATIBLE MATERIALS): Avoid contact with strong acids, caustics, oxidizers, and reducers.	HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Burning can produce carbon monoxide, carbon dioxide and oxides of sulfur in trace amounts.	POSSIBILITY OF HAZARDOUS REACTIONS: None are known.

SECTION 11 – TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF ENTRY:	ROUTE OF ENTRY AND EFFECTS OF OVEREXPOSURE:				
SKIN: Yes	SKIN: Acute exposure may cause slight irritation. Chronic exposure may cause dermatitis and may result in skin absorption.				
EYES: Yes	EYES: May cause irritation, tearing and swelling.				
INHALATION: Yes	INHALATION: Vapor or mist may cause irritation. Prolonged inhalation may cause coughing, dizziness, and shortness of breath.				
INGESTION: Possible, but not likely	INGESTION: May cause nausea and weakness.				
Toxicity known to humans: None Established			Chronic (long-term) health effects: None Known to humans		
REPRODUCTIVE EFFECTS	TERATOGENICITY	MUTAGENICITY	EMBRYOTOXICITY	SENSITIZATION TO PRODUCT	SYNERGISTIC PROPERTIES
None Established	None Established	None Established	None Established	None Established	None Established
CARCINOGENIC PROPERTIES: None of the components in the product are listed in the National Toxicology Program (NTP) Report or found to be a potential carcinogen by the International Agency for Research on Cancer (IARC), or by OSHA.					

SECTION 12 – ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY:	Not classified as "readily biodegradable" (OECD-301 A-F). However, this product is expected to be inherently biodegradable.
BIO-ACCUMULATIVE POTENTIAL:	There is no evidence to suggest bioaccumulation will occur.
AQUATIC TOXICITY:	There is no evidence to suggest this will occur.
MOBILITY:	Accidental spillage may lead to penetration in soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

SECTION 13 – WASTE DISPOSAL CONSIDERATIONS

Dispose in accordance with current applicable laws and regulations, and product characteristics at time of disposal. The product is suitable for processing at an appropriate recycling or waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

SECTION 14 – TRANSPORTATION INFORMATION

AGENCY	PROPER SHIPPING NAME	UN NUMBER	LABEL REQUIRED	HAZARD CLASS	SECONDARY RISK	PACKAGING GROUP	MARINE POLLUTANT
DOT (land):	Shipping Name: Non-Regulated	NA	NA	NA	NA	NA	NO
IATA/ICAO (air):	Shipping Name: Non-Regulated	NA	NA	NA	NA	NA	NO
IMDG (water):	Shipping Name: Non-Regulated	NA	NA	NA	NA	NA	NO
TDG Information:	Shipping Name: Non-Regulated	NA	NA	NA	NA	NA	NO

SECTION 15 – REGULATORY INFORMATION

GHS Precautionary Label:	WARNING
CHIP Hazard Symbols:	NONE
GHS Safety Phrases:	S2 - Keep out of the reach of children, S3 - Keep in a cool place, S20/21 - When using do not eat, drink or smoke
GHS Risk Phrases:	R36/37/38 - Irritating to eyes, respiratory system and skin, R66 - Repeated exposure may cause skin dryness or cracking, R67 - Vapours may cause drowsiness and dizziness
SARA Section 311/312:	No component of this product is listed as an extremely hazardous substance.
SARA Section 313:	Not listed
California Proposition 65:	The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. There are no ingredients in this product which are subject to the reporting requirements of California Proposition 65.
TSCA:	All components of this product are listed on the Toxic Substance Control Act (TSCA) Section 8(b) Chemical Inventory and the Canadian Environmental Protection Act (CEPA) provisional domestic substances list (DSL). This product does not contain toxic components on the TSCA Section 12(b) export notification list.

SECTION 16 – OTHER INFORMATION

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