

# Safety Data Sheet

## Section 1 – Identification

**Product Identifier:** E/Z Purge Heavy Duty Concentrate

**Other means of Identification:** E/Z Purge HD, Purging Compound

*Name and Address of Responsible Parties:*

**Elm Grove Industries, LLC**

7025 W. Marcia Rd.  
Milwaukee, WI 53223

**Information Telephone #: 1-800-797-9244**

**24 Hr. Emergency Telephone Number: INFOTRAC- 1-800-535-5053**

**International 24 Hr. Emergency Telephone Number: INFOTRAC – 1-352-323-3500**

**Contract # - 106253**

## Section 2 – Hazards Identification

**Classification of the Chemical:**

Hazy liquid with slight ether odor

This material is not classified as hazardous under OSHA regulations (29 CFR 1910.1200) (Hazcom 2012).

**Hazardous classification:**

Not Applicable

**Label elements:**

**Signal Word:** Not Applicable

**Hazard Statements:** Not Applicable

**Precautionary Statements:**

If on Skin: Wash with plenty of soap and water.

If skin irritation occurs get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Wear protective gloves.

Wear eye protection such safety glasses with side shields.

## Section 2 – Hazards Identification (Continued)

If in eyes: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists get medical advice/attention. Dispose of contents/container in accordance with local, State, federal or international regulations.

### Hazard Pictogram(s)

Not applicable

### Other Hazards not otherwise classified:

Not available

## Section 3 – Composition/Information on Ingredients

Chemical Name, Common Name	CAS #	Concentration wt/wt(*)
Sodium Carbonate	497-19-8	<5
Surfactant	Trade secret	5-20

- **Note: The exact concentrations of the chemical(s) above are being withheld as a trade secret.**

## Section 4 – First-Aid Measures

### Description of first aid measures:

*Inhalation:* If inhaled remove victim to fresh air and keep at rest.

*Skin contact:* Wash with plenty of soap and water.

*Eye contact:* If in eyes rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and continue rinsing. If eye irritation persists seek medical advice/attention.

*Ingestion:* Do NOT induce vomiting unless instructed by medical personal. Never give anything by mouth to an unconscious person. Get medical attention.

### Most important symptoms and effects, both acute and delayed:

May cause skin irritation.

May cause eye irritation.

**Section 4 – First-Aid Measures (Continued)**

Indigestion may cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically

**Section 5 – Fire-Fighting Measures****Extinguishing media:**

*Suitable extinguishing media:* Water fog, Carbon dioxide, Dry chemical, Foam

*Unsuitable extinguishing media:* Not available

**Special hazards arising from the substance or mixture:** Non Known

**Flammability classification:** (OSHA 29 CFR 1910.106) (Hazcom 2012): Not flammable by OSHA/WHMIS criteria.

**Hazardous combustion products:** Carbon oxides, other unidentified organic compounds.

**Special protective equipment and precautions for firefighters:** *Protective equipment for fire-fighters:* Firefighters should wear proper protective equipment (Bunker gear) and self-contained breathing apparatus with full face operated in positive pressure mode

**Section 6 – Accidental Release Measures****Personal precautions, protective equipment and emergency procedures:**

All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion done. Refer to protective measures listed in section 7 and 8.

**Methods and materials for containment and clean up:**

For large spills do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent run-off into drains, sewers, or any natural waterway or drinking supply. Soak up with inert absorbent material. Scoop up material and place into suitable container(s). Dispose of as normal waste according to local, state and federal regulations. Residual material may be washed into the sanitary sewer with water.

## Section 7 – Handling and Storage

**Precautions for safe handling:**

Wear protective gloves and eye/face protection. Adequate ventilation should be supplied. Avoid contact with skin, eyes and clothing. Keep containers tightly closed.

**Conditions for safe storage:**

Store in cool, dry and well ventilated place. Containers should be clearly identified, clear of obstructions and accessible only to authorized personnel. Have appropriate fire extinguishers/sprinkler system in place. Spill clean-up equipment should be in or near storage area.

**Incompatible materials:**

Strong oxidizers, Strong acids.

## Section 8 – Exposure Controls/Personal Protection

**Exposure limits**

Contains no substances with occupational exposure limit values.

## Section 8 – Exposure Controls/Personal Protection (Continued)

**Exposure controls:**

**Ventilation and engineering measures:** Use in well ventilated area. Apply technical measures to comply with occupational exposure limits if needed.

**Respiratory measures:** If airborne concentrations are above the permissible exposure limit use NIOSH approved respirators.

**Skin Protection:** Wear protective gloves. Where extensive exposure to the product is possible, use resistant apron/suit and boots.

**Eye/face Protection:** goggles or safety glasses with side shields.

**Other Protective equipment:** Ensure that eyewash stations and a safety shower are close to the workstation(s).

**General hygiene considerations:** Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Wash hands after handling. Remove and wash

all contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

## Section 9 – Physical and Chemical Properties

**Appearance:** Hazy liquid

**Odor:** slight ether

**Odor threshold:** Not available

**PH:** 10.9

**Melting/Freezing pointing:** No test data available

**Boiling point and boiling range:** >100C (212F)

**Flash point:** >93C (199.4)

**Evaporation point (Butyl Acetate=1):** No test data available

**Flammability (method determination):** No test data available

**Lower flammability limit (% by vol.):** No test data available

**Upper flammability limit (% by vol.):** No test data available

**Vapor pressure:** No test data available

**Vapor density:** No test data available

**Relative density:** 1.1

**Solubility in water:** Complete

**Partition Coefficient (n-octanol/water):** No test data available **Auto ignition**

**temperature:** No test data available

**Decomposition temperature:** No test data available

## Section 9 – Physical and Chemical Properties (continued)

**Viscosity:** Not available

**Volatiles (% by wt) =** Not available

**Volatile organic compounds:** Not available

**Other physical/chemical comments:** No addition information.

## Section 10 – Stability and Reactivity

**Reactivity:** Not normally reactive.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** Hazardous polymerization does not occur.

**Conditions to avoid:** Contact with incompatible materials.

**Incompatible materials:** Strong oxidizers, Strong acids.

**Hazardous decomposition products:** Carbon oxides.

**Section 11 – Toxicological Information****Information on routes of exposure:****Routes of entry-inhalation:** YES**Routes of entry-skin & eye:** YES**Routes of entry-Ingestion:** YES**Routes of entry-skin absorption:** YES**Potential Health Effects:****Signs and symptoms of short term exposure:***Signs and symptoms:* Inhalation – May cause respiratory irritation.*Signs and symptoms:* Ingestion – Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.*Signs and symptoms:* Skin – May cause irritation.*Signs and symptoms:* Eyes – May cause irritation.**Potential Chronic Health Effects:** None known**Section 11 – Toxicological Information (Continued)****Mutagenicity:** Not hazardous by OSHA/WHMIS criteria.**Carcinogenicity:** No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.**Reproductive effects:** Not hazardous by OSHA/WHMIS criteria.**Sensitization to material:** No data available to indicate product may be a sensitizer.**Specific target organ effects:** Not Available.**Medical conditions aggravated by overexposure:** Pre-existing skin and eye conditions.**Toxicological data:** Product is not categorized as acutely toxic orally, dermal or by inhalation.

**Section 12 – Ecological Information**

**Ecotoxicity:** This product itself has not been tested.

**Mobility in Soil:** This product itself has not been tested.

**Persistence and degradability:** This product itself has not been tested.

**Bioaccumulation potential:** This product itself has not been tested.

**Other adverse Environmental effects:** None Known.

**Section 13 – Disposal Information**

**Handling for disposal:** Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

**Methods of disposal:** Dispose in accordance with all applicable federal, state, provincial and local regulation. Contact your federal, state, provincial and local authorities for specific rules.

**Section 14 – Transportation Information****US 49 CFR/DOT Hazard Classification**

Not DOT Regulated

DOT Marine Pollutants: This product does not contain Marine Pollutants as defined in CFR 49 171.8.

**IMDG/IMO Code Shipping Classification:**

Not IMDG Regulated

Not classified as a marine pollutant.

**ICAO/IATA**

Not ICAO/IATA Regulated.

Not classified as a marine pollutant.

**Special Transportation Notes:** None

**Section 15 – Regulatory Information****US Federal Information:****TSCA:** Not Applicable**US CERCLA Reportable quantity (RQ):** Not Reportable**SARA Title III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355:**

No extremely hazardous substances are present in this material.

**SARA Title III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes:**  
**Not Applicable****SARA Title III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372:**

Not Applicable

**State Regulations:****California Proposition 65:** This product does not contain a chemical known to the State of California to cause, birth defect, reproductive harm or cancer.**International Information:****Canadian Environmental Protection Act (CEPA) information:** All ingredients listed appear on the Domestic Substances List (DSL).**Section 16 – Other Information****HMIS – Hazardous Materials Identification System**

Health -1 Flammability -0 Physical Hazard -0 PPE -B

**NFPA – National Fire Protection Association**

Health -1 Flammability -0 Reactivity -0

**Abbreviations legend;****ACGIH:** American Conference of Governmental Industrial Hygienist**CAS:** Chemical abstract Services**CERCLA:** Comprehensive Environmental Response, Compensation, and Liability Act of 1986**CFR:** Code of Federal Regulations**CSA:** Canadian Standards Association**DOT:** Department of Transportation**ECOTOX:** U.S. EPA Ecotoxicology Database**EINECS:** European Inventory of Existing Commercial chemical Substances**EPA:** Environmental Protection agency**HSDB:** Hazardous Substances database**IARC:** International Agency for Research on Cancer



**Section 16 – Other Information (Continued)****IBC: Intermediate Bulk Container****IUCLID: International Uniform Chemical Information Database****LC: Lethal Concentration****LD: Lethal Dose****NIOSH: National Institute of Occupational Safety and Health****NTP: National Toxicology Program****OECD: Organization for Economic Cooperation and Development****PEL: Permissible exposure limit****RCRA: Resource Conservation and Recovery Act****RTECS: Registry of Toxic Effects of Chemical Substances****SARA: Superfund Amendments and Reauthorization Act****SDS: Safety Data Sheet****STEL: Short Term Exposure Limit****TDG: Canadian Transportation of Dangerous Goods Act & Regulations****TLV: Threshold Limit Values****TWA: Time Weighted Average****WHMIS: Workplace Hazardous Materials Identification System****Disclaimer**

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(Updated to GHS format, 4/11/15)

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