

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 121873-GHS-US
Product Name: Gas Treatment 1037
Reference #: LAB 1034
Company Name: Excelda Manufacturing Company
 12785 Emerson Dr.
 Brighton, MI 48116
Phone Number: (248)486-3800
Emergency Contact: Medical Emergency (888)314-4052
 Transportation Emergency (800)424-9300
Information: (248)486-3800
Intended Use: Fuel Additive

2. HAZARDS IDENTIFICATION

Carcinogenicity, Category 2
Aspiration Toxicity, Category 1
Flammable Liquids, Category 4



GHS Signal Word: **Danger**
GHS Hazard Phrases: H227: Combustible liquid.
 H304: May be fatal if swallowed and enters airways.
 H351: Suspected of causing cancer.
GHS Precaution Phrases: P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases: P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P308+313: IF exposed or concerned: Get medical attention/advice.
 P331: Do NOT induce vomiting.
GHS Storage and Disposal Phrases: P403+235: Store in cool/well-ventilated place.
 P405: Store locked up.
 P501: Dispose of contents/container to a properly licensed facility or broker.
Potential Health Effects (Acute and Chronic): Contains ingredients suspected of causing cancer. May be harmful if swallowed.
 Aspiration Hazard- This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

 See routes of entry for detailed information on effects.
Inhalation: No information available. Studies by other exposure routes suggest a low degree of toxicity. Due to the presence of distillates, this product may cause depression of the central nervous system if inhaled in large amounts at high concentrations.
Skin Contact: Prolonged or repeated contact may cause drying and cracking of the skin and severe skin damage. No harmful effects from skin absorption have been reported.
Eye Contact: Contact may cause stinging, watering, redness, and swelling.
Ingestion: A component of this material is toxic. May be harmful if swallowed. Aspiration Hazard- This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.
Medical Conditions Generally Aggravated By Exposure: Skin disorders, blood disorders and liver disorders.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Chemical Name	Concentration	RTECS #	Molecular Formula
NA	Proprietary Mixture	25.427 -38.847 %	NA	NA
8008-20-6	Kerosine	29.37 %	OA5500000	Not applicable.
64742-47-8	Hydrotreated light distillate (petroleum)	21.189 -28.252 %	OA5504000	?
64742-46-7	Hydrotreated Distillate	7.063 -14.126 %	JN9379645	?
64742-94-5	Solvent naphtha (petroleum), Heavy arom.	0.706 -3.532 %	WF3100000	?
91-20-3	Naphthalene	0.083 -0.365 %	QJ0525000	C10H8
71-43-2	Benzene	16.951 PPB	CY1400000	C6H6

Additional Chemical Information

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	In the event of an exposure to this product, follow the recommended response indicated for the route(s) of exposure. In all cases if symptoms develop or persist, seek medical attention or advice.
In Case of Inhalation:	If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If victim is not breathing immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel.
In Case of Skin Contact:	Remove contaminated shoes and clothing, and flush affected area(s) with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected area thoroughly by washing with mild soap and water.
In Case of Eye Contact:	Move victim away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact, hold eyelids apart and flush the affected eye(s) with clean water for at least 15 minutes.
In Case of Ingestion:	Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious, place on the left side with the head down. If possible, do not leave victim unattended.
Signs and Symptoms Of Exposure:	Eyes: Discomfort. Skin: Discomfort. Inhalation: Signs of central nervous system depression, such as dizziness, headaches, or other discomfort. Ingestion: Nausea other discomfort.
Note to Physician:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash Pt:	> 150.00 F (65.6 C) Method Used: Pensky-Marten Closed Cup
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Foam, CO2, Dry chemical or halon is recommended. Use water spray to cool fire exposed surfaces and to protect personnel. Halon may decompose into toxic material. Carbon Dioxide can displace oxygen. Use caution when applying halon or carbon dioxide in confined spaces.
Unsuitable Extinguishing Media:	Water may be ineffective for extinguishment, unless under favorable conditions by experienced fire fighters.
Fire Fighting Instructions:	Emergency responders in the danger area should wear bunker gear and self-contained

breathing apparatus for fires beyond the incipient stage. In addition, wear other appropriate protective equipment as conditions warrant. Move undamaged containers from danger area if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors. Cool equipment exposed to fire with water, if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

Flammable Properties and Hazards:

Some of the combustible vapors emitted by this product may be heavier than air and travel a distance posing a flashback hazard.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:

Wear PPE appropriate for size and nature of release. See Section 8 of this SDS for recommended PPE.

Environmental Precautions:

Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways.

Steps To Be Taken In Case Material Is Released Or Spilled:

Ventilate the area. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:

Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Use in well ventilated areas only. Keep away from sources of heat, sparks and open flame. Bond containers when appropriate.

Precautions To Be Taken in Storing:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep away from incompatible materials including oxidizing agents and strongly acidic or alkaline materials. Keep away from food, drink and animal feeding stuffs.

Other Precautions:

Empty containers retain residue (liquid and/or vapor) and may be dangerous.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Proprietary Mixture	No data.	No data.	No data.
8008-20-6	Kerosine	No data.	TLV: 200 mg/m3	No data.
64742-47-8	Hydrotreated light distillate (petroleum)	No data.	TLV: 200 mg/m3	No data.
64742-46-7	Hydrotreated Distillate	No data.	No data.	No data.
64742-94-5	Solvent naphtha (petroleum), Heavy arom.	No data.	No data.	No data.
91-20-3	Naphthalene	PEL: 10 ppm	TLV: 10 ppm STEL: 15 ppm	No data.
71-43-2	Benzene	PEL: 10 ppm STEL: 50 ppm/(10min) CEIL: 25 ppm	TLV: 0.5 ppm STEL: 2.5 ppm	No data.

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Respiratory Equipment (Specify Type):	The use of respiratory protection is advised when concentrations are expected to exceed the established exposure limits. Depending on the airborne concentration, use a respirator with appropriate cartridges (organic mist/vapor) or supplied-air equipment.
Eye Protection:	Safety glasses and face shield.
Protective Gloves:	Impervious gloves such as nitrile.
Other Protective Clothing:	Impervious clothing be worn.
Engineering Controls (Ventilation etc.):	Provide adequate ventilation. General ventilation should be adequate, however if application results in the generation of spray, mists, fumes or vapors, or if application is performed in a poorly ventilated area such as a confined space, additional mechanical ventilation may be required.
Work/Hygienic/Maintenance Practices:	Follow good industrial hygienic practices. When using do not eat, drink or smoke. Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday. Wash contaminated clothing before re-use. Provide for quick drenching and eye washing when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear yellow fluid with a strong solvent odor.
Melting Point:	No data.
Boiling Point:	No data.
Autoignition Pt:	No data.
Flash Pt:	> 150.00 F (65.6 C) Method Used: Pensky-Marten Closed Cup
Explosive Limits:	LEL: No data. UEL: No data.
Specific Gravity (Water = 1):	0.83 - 0.89 at 20.0 C (68.0 F)
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.
Evaporation Rate:	No data.
Solubility in Water:	No data.
Viscosity:	< 10 CPS at 40.0 C (104.0 F)
Percent Volatile:	N.D.
VOC / Volume:	> 50.0000 WT%

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Stable under normal conditions of storage and handling. Flammable liquid and vapor. Vapor can cause flash fire.
Incompatibility - Materials To Avoid:	Strong acids and strong oxidizing agents.
Hazardous Decomposition or Byproducts:	Ammonia. Propylamine, polyalkylglycols and aliphatic alcohols may also be released.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	None known

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. The information contained below pertains to the hazardous components of the mixture.
Expected routes of entry when used as intended include:
Eye and skin contact
Inhalation
CAS# 8008-20-6: Kerosine:

Irritation or Corrosion: Acute toxicity, LD (Lethal dose), Oral, Rat, > 5.000 GM/KG.
Result:
Behavioral: Somnolence (general depressed activity).
Gastrointestinal:Hypermotility, diarrhea.
- Acute Toxicity Data. Journal of the American College of Toxicology, Part B., Mary Ann Liebert, Inc., 1651 Third Ave., New York, NY 10128, Vol/p/yr: 1,30, 1990

CAS# 64742-94-5: Solvent naphtha (petroleum), Heavy arom.:
Acute toxicity, LDLO, Oral, Rat, 5.000 ML/KG.
Result:
Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Olfaction:Other changes.
Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Other.
Skin and Appendages: Other: Hair.
- National Technical Information Service, Vol/p/yr: OTS05, 4724

Acute toxicity, LC50, Inhalation, Rat, > 590.0 MG/M3, 4 H.
Result:
Behavioral: Somnolence (general depressed activity).
- National Technical Information Service, Vol/p/yr: OTS05, 4724

Standard Draize Test, Skin, Species: Rabbit, 500.0 UL, 24 H, Mild.
Result:
Kidney, Ureter, Bladder:Changes in tubules (including acute renal failure, acute tubular necrosis).
Blood:Other changes.
- National Technical Information Service, Vol/p/yr: OTS05, 4724

Not expected to cause irritation or corrosion.

Symptoms related to Toxicological Characteristics: Inhalation: Signs of central nervous system depression, such as dizziness, headaches, or other discomfort.
Ingestion: Nausea other discomfort.

Sensitization: This product is not known to contain any known sensitizers at concentrations that may be expected to cause an allergic reaction in the general population.

Chronic Toxicological Effects: Prolonged or repeated contact may cause drying and cracking of the skin and severe skin damage.

Carcinogenicity/Other Information: Application of kerosine to mouse skin, twice a week for 12 months, resulted in an increased incidence of skin tumors.

Contains less than 1% naphthalene which has been classified by the IARC as a possible human carcinogen (Group 2B) on the basis of sufficient evidence of carcinogenicity in experimental animals but inadequate evidence in exposed humans.

Ingestion of naphthalene has caused hemolysis in humans deficient in

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glucose-6-phosphate dehydrogenase. Limited evidence of cataract formation and liver damage has been reported in laboratory animals.

CAS #	Chemical Name	NTP	IARC	ACGIH	OSHA
NA	Proprietary Mixture	n.a.	n.a.	n.a.	n.a.
8008-20-6	Kerosine	n.a.	n.a.	A4	n.a.
64742-47-8	Hydrotreated light distillate (petroleum)	n.a.	n.a.	A4	n.a.
64742-46-7	Hydrotreated Distillate	n.a.	n.a.	n.a.	n.a.
64742-94-5	Solvent naphtha (petroleum), Heavy arom.	n.a.	n.a.	n.a.	n.a.
91-20-3	Naphthalene	Possible	2B	A4	n.a.
71-43-2	Benzene	Known	1	A1	Yes

12. ECOLOGICAL INFORMATION

General Ecological Information: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with all Federal, State/Provincial and local laws and regulations. As packaged, this product exhibits the following RCRA hazardous characteristic(s): none.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated
DOT Hazard Class:
UN/NA Number:

Additional Transport Information: The information in Section 14 pertains to the product when shipped via domestic ground transportation in non-bulk containers. If this material is shipped internationally, via other modes of transportation, or in bulk packaging, other regulations may apply.

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Chemical Name	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	Proprietary Mixture	No	No	No
8008-20-6	Kerosine	No	No	No
64742-47-8	Hydrotreated light distillate (petroleum)	No	No	No
64742-46-7	Hydrotreated Distillate	No	No	No
64742-94-5	Solvent naphtha (petroleum), Heavy arom.	No	No	No
91-20-3	Naphthalene	No	Yes 100 LB	Yes
71-43-2	Benzene	No	Yes 10 LB	Yes

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Acute (immediate) Health Hazard
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Chronic (delayed) Health Hazard
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Reactive Hazard

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CAS #	Chemical Name	Other US EPA or State Lists
NA	Proprietary Mixture	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
8008-20-6	Kerosine	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1091; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
64742-47-8	Hydrotreated light distillate (petroleum)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
64742-46-7	Hydrotreated Distillate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
64742-94-5	Solvent naphtha (petroleum), Heavy arom.	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
91-20-3	Naphthalene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 4 Test, 8A PAIR; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 1322; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
71-43-2	Benzene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 0197; NY Part 597: Yes; PA HSL: Yes - B; SC TAP: Yes; WI Air: Yes
CAS #	Chemical Name	International Regulatory Lists
NA	Proprietary Mixture	Canadian DSL: No; Canadian NDSL: No; China IECSC: No; Japan ENCS: No; Korea ECL: No; REACH: No
8008-20-6	Kerosine	Canadian DSL: Yes; Canadian NDSL: No; China IECSC: Yes; Japan ENCS: Yes - (3)-8; Korea ECL: Yes - KE-21778; REACH: Yes - (R), (P)
64742-47-8	Hydrotreated light distillate (petroleum)	Canadian DSL: Yes; Canadian NDSL: No; China IECSC: Yes; Japan ENCS: Yes - (2)-10; Korea ECL: Yes - KE-12550; REACH: Yes - (R), (P)
64742-46-7	Hydrotreated Distillate	Canadian DSL: Yes; Canadian NDSL: No; China IECSC: Yes; Japan ENCS: Yes - (9)-1689; Korea ECL: Yes - KE-12554; REACH: Yes - (R), (P), C2
64742-94-5	Solvent naphtha (petroleum), Heavy arom.	Canadian DSL: Yes; Canadian NDSL: No; China IECSC: Yes; Japan ENCS: Yes - (7)-710; Korea ECL: Yes - KE-31656; REACH: Yes - (R), (P)
91-20-3	Naphthalene	Canadian DSL: Yes; Canadian NDSL: No; China IECSC: Yes; Japan ENCS: Yes - (4)-311; Korea ECL: Yes - KE-25545; REACH: Yes - (R), (P)
71-43-2	Benzene	Canadian DSL: Yes; Canadian NDSL: No; China IECSC: Yes; Japan ENCS: Yes - (3)-1; Korea ECL: Yes - KE-02150;

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REACH: Yes - (R), (P), C1, M2

Regulatory Information: TSCA: All ingredients in this product are listed on the TSCA Inventory or are otherwise exempt.

CA Prop 65: This product is known to contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Regulatory Information Statement: The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risk in use of the material.

16. OTHER INFORMATION

Revision Date: 11/09/2015

Preparer Name: GS

Additional Information About This Product: No data available.

Company Policy or Disclaimer:

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