

Carb Cleaner 768

Printed: 12/15/2015

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Supersedes Revision: 04/10/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code:	116897-GHS-US	
Product Name:	Carb Cleaner 768	
Reference #:	LAB 768	
Company Name:	Excelda Manufacturing 12785 Emerson Dr. Brighton, MI 48116	Phone Number: (248)486-3800
Emergency Contact:	MEDICAL EMERGENCY DOT EMERGENCY	(888)314-4052 (800)424-9300
Information:	INFORMATION	(248)486-3800
Intended Use:	Cleaning Solution	

2. HAZARDS IDENTIFICATION

Gas Under Pressure, Compressed gas

Flammable Liquids, Category 2

Serious Eye Damage/Eye Irritation, Category 2

Toxic To Reproduction, Category 2

Specific Target Organ Toxicity (single exposure), Category 3

**GHS Signal Word:** Danger

GHS Hazard Phrases:

H225: Highly flammable liquid and vapor.
H280: Containers gas under pressure; may explode if heated.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H361: Suspected of damaging fertility or the unborn child {}.
H335: May cause respiratory irritation.

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.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/{.../} equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P260: Do not breathe {dust/fume/gas/mist/vapors/spray}.
P264: Wash {hands} thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.
P281: Use personal protective equipment as required.
P235: Keep cool.
P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.

GHS Response Phrases:

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313: IF exposed or concerned: Get medical attention/advice.

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GHS Storage and Disposal Phrases:

P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P314: Get medical attention/advice if you feel unwell.
P332+313: If skin irritation occurs, get medical advice/attention.
P337+313: If eye irritation persists, get medical advice/attention.
P403+233: Store container tightly closed in well-ventilated place.
P405: Store locked up.
P410+403: Protect from sunlight and store in well-ventilated place.
P501: Dispose of contents/container according to federal, state, and local law and regulations.

Potential Health Effects

No data available.

(Acute and Chronic):

Medical Conditions Generally Breathing Problems

Aggravated By Exposure:

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Chemical Name	Concentration	RTECS #	Molecular Formula
108-88-3	Toluene	5.5 -9.5 %	XS5250000	C6H5CG3
67-64-1	Acetone	80.0 -90.0 %	AL3150000	C3H6O
124-38-9	Carbon dioxide	4.0 -10.0 %	FF6400000	CO2

Additional Chemical Information

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

INHALATION: Remove to fresh air. Give artificial respiration if necessary. If symptoms develop or persist get medical attention/advice.

EYES: Flush with large amounts of water for 15 minutes. Get medical attention.

SKIN: Remove contaminated clothing and wash area with soap and water. If symptoms develop and persist, seek medical attention/advice.

INGESTION: Call a physician. Do not induce vomiting.

Signs and Symptoms Of Exposure:

Inhalation: Dizziness, breathing difficulties, nausea and irritation or discomfort.

Eyes: Irritation

Skin: Irritation and redness.

Ingestion: Irritation to gastrointestinal tract.

5. FIRE FIGHTING MEASURES

Flash Pt: < 0.00 F (-17.8 C) Method Used: TAG Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Foam, CO2, dry chemical or water spray.

Fire Fighting Instructions: Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting. Use water spray to keep containers cool.

Flammable Properties and Hazards:

Contents under pressure. Exposure to heat may cause containers to burst releasing flammable components. Both liquid and gas components of the aerosol are highly flammable. Liquid is also highly volatile with a flash point below ambient temperatures.

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6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess liquid material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Do not use near sources of heat, sparks or open flame. Use in well ventilated areas only. Do not breathe vapors. Avoid contact with eyes and skin.

Precautions To Be Taken in Storing: Store in a cool, dry area. Aerosol cans must be maintained below 120°F to prevent cans from exploding. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	No data.

Respiratory Equipment (Specify Type): Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29CFR 1910.134.

Eye Protection: Safety glasses.

Protective Gloves: Wear chemically protective gloves.

Other Protective Clothing: Use a splash apron and boots if splashing occurs.

Engineering Controls (Ventilation etc.): Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [X] Gas [X] Liquid [] Solid

Appearance and Odor: Liquid component is a clear, water-white liquid with distinct odor.

All information in Section 9 pertains only to the liquid component of the aerosol, except for the following which pertain to product as packaged (both liquid and gaseous components):

VOC/Volume

Percent Volatile

Melting Point: No data.

Boiling Point: No data.

Autoignition Pt: No data.

Flash Pt: < 0.00 F (-17.8 C) Method Used: TAG Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Specific Gravity (Water = 1): 0.79 - .82

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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.
pH: NA
Percent Volatile: 100.0 % by weight.
VOC / Volume: < 9.5000 WT%

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: High temperatures, heat, sparks, and flame.
Incompatibility - Materials To Avoid: Strong oxidizing agents.
Hazardous Decomposition or Byproducts: Oxides of carbon.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None known.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure.

CAS# 108-88-3: Toluene:
Reproductive Effects:, TDLo, Oral, Rat, 7280. MG/KG, female 6-19 day(s) after conception.
Result:
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).
- Pediatric Research., Williams & Wilkins Co, Baltimore, MD, Vol/p/yr: 36,811, 1994

Reproductive Effects:, TCLo, Inhalation, Rat, 1500. MG/M3, 24 H, female 1-8 day(s) after conception.
Result:
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).
Specific Developmental Abnormalities: Musculoskeletal system.
- Toxicology., Elsevier Scientific Pub. Ireland, Ltd., POB 85, Limerick Ireland, Vol/p/yr: 11,55, 1978

Mutagenicity:, Mutation test: Cytogenetic analysis., Inhalation, Rat, 5400. UG/M3, 16 W.
Result:
Kidney, Ureter, Bladder: Changes in liver weight.
Kidney, Ureter, Bladder: Changes in bladder weight.
Blood: Normocytic anemia.
- Gigiena Truda i Professional'nye Zabolevaniya.(Labor Hygiene and Occupational Disease), V/O Mezhdunarodnaya Kniga, Moscow 113095 Russia, Vol/p/yr: 25(7),33, 1981

Mutagenicity:, Mutation test: Micronucleus test., Oral, Mouse, 200.0 MG/KG.
Result:

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Behavioral: Muscle contraction or spasticity.

- Mutation Research., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam Netherlands, Vol/p/yr: 147,294, 1985

Acute toxicity, LD50, Oral, Rat, 636.0 MG/KG.

Result:

Lungs, Thorax, or Respiration:Structural or functional change in trachea or bronchi.

Lungs, Thorax, or Respiration:Acute pulmonary edema.

- Neurotoxicology., Intox Press, Inc., POB 34075, Little Rock, AR 72203, Vol/p/yr: 2,567, 1981

Acute toxicity, LC50, Inhalation, Rat, 49.00 GM/M3, 4 H.

Result:

Lungs, Thorax, or Respiration:Structural or functional change in trachea or bronchi.

Lungs, Thorax, or Respiration:Acute pulmonary edema.

- Gigiena Truda i Professional'nye Zabolevaniya.(Labor Hygiene and Occupational Disease), V/O Mezhdunarodnaya Kniga, Moscow 113095 Russia, Vol/p/yr: 32(10),23, 1988

CAS# 67-64-1: Acetone:

Acute toxicity, LD50, Oral, Rat, 5800. MG/KG.

Result:

Behavioral: Altered sleep time (including change in righting reflex).

Behavioral: Tremor.

- Journal of Toxicology and Environmental Health., Hemisphere Pub., 1025 Vermont Ave., NW, Washington, DC 20005, Vol/p/yr: 15,609, 1985

Acute toxicity, LC50, Inhalation, Rat, 50100. MG/M3, 8 H.

Result:

Blood:Changes in serum composition (e.g.

Blood:Other changes.

Blood:Changes in leukocyte (WBC) count.

- American Industrial Hygiene Association Journal., AIHA, 475 Wolf Ledges Pkwy., Akron, OH 44311, Vol/p/yr: 20,364, 1959

Carcinogenicity/Other Information:

This material is not an OSHA, IARC, or NTP carcinogen.

Carcinogenicity:

NTP? No

IARC Monographs? No

OSHA Regulated? No

CAS #	Chemical Name	NTP	IARC	ACGIH	OSHA
108-88-3	Toluene	n.a.	3	A4	n.a.
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
124-38-9	Carbon dioxide	n.a.	n.a.	n.a.	n.a.

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12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground, or into any body of water.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Aerosols, flammable**DOT Hazard Class:** 2.1 FLAMMABLE GAS**UN/NA Number:** UN1950**Packing Group:** II

Additional Transport Information: This product may be reclassified as a Consumer Commodity ORM-D subject to the restrictions and requirements of 49 CFR 173.306.

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)
108-88-3	Toluene	No	Yes 1000 LB	Yes
67-64-1	Acetone	No	Yes 5000 LB	No
124-38-9	Carbon dioxide	No	No	No

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

☒ Yes	☐ No	Acute (immediate) Health Hazard
☒ Yes	☐ No	Chronic (delayed) Health Hazard
☒ Yes	☐ No	Fire Hazard
☒ Yes	☐ No	Sudden Release of Pressure Hazard
☐ Yes	☒ No	Reactive Hazard

CAS #	Chemical Name	Other US EPA or State Lists
108-88-3	Toluene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes
67-64-1	Acetone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No
124-38-9	Carbon dioxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

Regulatory Information: TSCA: All components are either listed under TSCA or are exempt.

Prop 65: This product contains chemicals known to the State of California to cause cancer, birth defects and 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

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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

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Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, EXCEPT THAT IS ACCURATE TO THE BEST KNOWLEDGE OF EXCELDA MANUFACTURING. THE DATA ON THIS SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN. EXCELDA MANUFACTURING ASSUMES NO LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON THIS DATA.