# SAFETY DATA SHEET

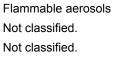
# 1. Identification

Product number	1000029126
Product identifier	18 OZ GOLDEN WEST BAT CLNR PRTCT LB 12PK
Company information	GOLDEN WEST INDUSTRIAL SUPPLY 2180 AGATE COURT SIMI VALLEY, CA 93065 United States
Company phone	General Assistance 805-522-1000
Emergency telephone US	1-866-836-8855
Emergency telephone outside US	1-952-852-4646
Version #	01
Recommended use	Cleaner
Recommended restrictions	None known.
2 Hozard(a) identification	

## 2. Hazard(s) identification

Physical hazards	
Health hazards	
OSHA defined hazards	

#### Label elements



Category 1



Signal word	Danger
Hazard statement	Extremely flammable aerosol.
Precautionary statement	
Prevention	Keep away from heat/sparks/open flames/hot surfaces No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.
Response	Wash hands after handling.
Storage	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

# 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Butane		106-97-8	2.5 - 10
Sodium Bicarbonate		144-55-8	2.5 - 10
2-Butoxyethanol		111-76-2	1 - 2.5
Propane		74-98-6	1 - 2.5
Sodium Carbonate Anhydrous		497-19-8	1 - 2.5
Ammonium Hydroxide		1336-21-6	0.1 - 1
Other components below reportable	e levels		80 - 90

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

Inhalation	If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire-fighting measures Suitable extinguishing media

Unsuitable extinguishing

equipment/instructions

Specific methods

media

the chemical

Fire fighting

Not available.

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. and precautions for firefighters

> Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes. Extremely flammable aerosol.

General fire hazards

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Level 1 Aerosol.
	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

#### **Occupational exposure limits**

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Components Type Value PFI 2-Butoxyethanol (CAS 240 mg/m3 111-76-2) 50 ppm Propane (CAS 74-98-6) PEL 1800 ma/m3 1000 ppm US. ACGIH Threshold Limit Values Components Value Type 2-Butoxyethanol (CAS TWA 20 ppm 111-76-2) Butane (CAS 106-97-8) STEL 1000 ppm US. NIOSH: Pocket Guide to Chemical Hazards Components Type Value 2-Butoxyethanol (CAS TWA 24 mg/m3 111-76-2) 5 ppm TWA Butane (CAS 106-97-8) 1900 mg/m3 800 ppm TWA 1800 mg/m3 Propane (CAS 74-98-6) 1000 ppm **Biological limit values ACGIH Biological Exposure Indices** Components Value Determinant Specimen Sampling Time 2-Butoxyethanol (CAS 200 mg/g Butoxyacetic Creatinine in 111-76-2) acid (BAA), urine with hydrolysis \* - For sampling details, please see the source document. **Exposure** auidelines US - California OELs: Skin designation 2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin. US - Minnesota Haz Subs: Skin designation applies 2-Butoxyethanol (CAS 111-76-2) Skin designation applies. US - Tennessee OELs: Skin designation 2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin. US NIOSH Pocket Guide to Chemical Hazards: Skin designation 2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin. US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) 2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin. Appropriate engineering Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, controls or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Individual protection measures, such as personal protective equipment Eye/face protection Wear safety glasses with side shields (or goggles). Skin protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove Hand protection supplier. Other Wear suitable protective clothing. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

Appearance	
Physical state	Gas.
Form	Aerosol.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C) estimated
Flash point	-156.0 °F (-104.4 °C) Propellant estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or expl	osive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	50 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.994 estimated
10. Stability and reactivity	
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

# 11. Toxicological information

Inhalation

## Information on likely routes of exposure

Prolonged inhalation may be harmful.

Skin contact	2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

# Information on toxicological effects

#### Acute toxicity

2-Butoxyethanol (CAS 111-76-2)  Acute Acut	Components	Species	Test Results
DermalCaramikg, 24 HoursLD50Guine pig23 mi/kg, 24 HoursRabbit435 mg/kg, 24 Hours0.68 mi/kg, 24 Hours0.68 mi/kg, 24 Hours0.68 mi/kg, 24 Hours0.68 mi/kg, 24 HoursKabbit0.00 mg/kg, 24 HoursLC50Rabbit0.00 pm, 7 HoursLC50Rabbit0.00 pm, 7 HoursLC50Rabbit0.00 pm, 4 HoursLD100Rabbit695 mg/kgLD100Rabbit695 mg/kgLD50Og695 mg/kgLD50Og695 mg/kgLD50Name1519 mg/kgLD50Name1619 mg/kgLD50Mouse1619 mg/kgLC50Mouse237 mg/l, 120 MinutesLC50Mouse1237 mg/l, 120 MinutesLC50Mouse237 mg/l, 120 MinutesLC50Mouse1237 mg/l, 120 MinutesLC50Mouse1247 mg/l, 120 MinutesLC50Mouse1247 mg/l, 120 MinutesLC50Mouse1247 mg/l, 12	2-Butoxyethanol (CAS 111-7	6-2)	
LD50Guinea pig7.3 ml/kg. 4 DaysLD50Rabbi0.23 ml/kg. 24 Hours0.68 ml/kg. 24 Hours0.68 ml/kg. 24 Hours0.68 ml/kg. 24 Hours0.68 ml/kg. 24 HoursLC50Rabit0.68 ml/kg. 24 HoursLC50Rabit0.00 pm, 7 HoursLC50Rabit400 ppm, 7 HoursLD100Rabit695 mg/kgLD50Dog9695 mg/kgLD50Og9695 mg/kgLD50Guinea pig1414 mg/kgLD50Guinea pig1414 mg/kgLD50Rabit1519 mg/kgLD50Nouse1519 mg/kgLC50Mouse1237 mg/l, 120 MinutesLC50Mouse1237 mg/l, 120 MinutesLC50Mouse1237 mg/l, 120 MinutesLC50Mouse1237 mg/l, 120 MinutesPropert (CAS 74-98-6)I1237 mg/l, 120 MinutesKattleI135 mg/lRat1355 mg/lInhalation1237 mg/l, 120 MinutesLC50Mouse1237 mg/l, 120 MinutesLC50Mouse1237 mg/l, 120 MinutesRat1355 mg/lInhalation1237 mg/l, 120 MinutesLC50Rat1355 mg/lRat1355 mg/lSolutures1355 mg/lLC50Rat1355 mg/lCotaI1355 mg/lCotaI1355 mg/lLC50Rat1355 mg/lCotaI1355 mg/lCotaI1355 mg/lCotaI <td><u>Acute</u></td> <td></td> <td></td>	<u>Acute</u>		
Rabbit     0.23 mikg, 24 Hours       Rabbit     435 mg/kg, 24 Hours       0.68 mikg, 24 Hours     0.68 mikg, 24 Hours       100     Rat     400 ppm, 7 Hours       LC50     Rat     450 ppm, 4 Hours       D100     Rabbit     695 mg/kg       LD100     Rabbit     695 mg/kg       LD50     Dog     > 695 mg/kg       LD50     Dog     > 695 mg/kg       LD50     Rat     1519 mg/kg       Rat     1519 mg/kg     Rat       LC50     Mouse     1237 mg/l, 120 Minutes       LC50     Mouse     1237 mg/l, 120 Minutes       S2 %, 120 Minutes     S2 %, 120 Minutes       S2 %, 120 Minutes     S2 %, 120 Minutes       S2 %, 120 Minutes     S2 %, 120 Minutes       S2 %, 120 Minutes     S8 mg/l       S2 %, 120 Minutes     S8 mg/l <t< td=""><td></td><td></td><td></td></t<>			
Rabit     435 mg/kg, 24 Hours       0.68 m1/kg, 24 Hours       0.63 m1/kg, 24 Hours       1.04atron       LC50       Rabit     400 ppm, 7 Hours       0.01 ppm, 4 Hours       1.020       Rabit       0.03 m1/kg       LD100       Rabit       0.03 m3/kg       LD50       D0g       0.03 m3/kg       Halation       LD50       D0g       Addite       0.05       D0g       0.08       0.09       0.09       0.09       0.09       0.09       0.09       0.09       0.09       0.09       0.09       0.09       0.09       0.09       0.09       0.10       D100       Rata       0.10       D100       Rata       0.10       Rata       0.10       Rata       0.10       D10       Rata	LD50	Guinea pig	7.3 ml/kg, 4 Days
Note     Note       Inhalation     2000 mg/kg, 24 Hours       LC50     Rat     2000 mg/kg, 24 Hours       LC50     Rabbit     400 ppm, 7 Hours       Rat     400 ppm, 4 Hours     400 ppm, 4 Hours       Oral     50 mg/kg     400 ppm, 4 Hours       LD100     Rabbit     69 mg/kg       LD100     Rabbit     69 mg/kg       LD100     Rabbit     69 mg/kg       LD50     Dog     69 mg/kg       Mouse     1414 mg/kg       Halation     1519 mg/kg       LD50     Mouse     19 mg/kg       Butare (CAS 106-97-8)     Kat     237 mg/l, 120 Minutes       LC50     Mouse     1237 mg/l, 120 Minutes       LC50     Mouse     1355 mg/l       LC50     Mouse     1237 mg/l, 120 Minutes       LC50     Rat     1237 mg/l, 120 Minutes       Som/l     1235 mg/l     1237 mg/l, 120 Minutes       LC50     Mouse     1237 mg/l, 120 Minutes       LC50     Rat     1237 mg/l, 120 Minutes       LC50     Rat     1235 mg/l       LC50     Rat <td></td> <td></td> <td>0.23 ml/kg, 24 Hours</td>			0.23 ml/kg, 24 Hours
Indextor     Interfactor     2000 mg/kg.24 Hours       Indextor     2000 mg/kg.24 Hours       Indextor     Work (More		Rabbit	435 mg/kg, 24 Hours
Inhalation     Inhalation       LC50     Rabbit     400 ppm, 7 Hours       LC50     Rabbit     400 ppm, 7 Hours       Rab     Rabo     450 ppm, 4 Hours       Drat     Babit     695 mg/kg       LD100     Rabbit     695 mg/kg       LD50     Dog     695 mg/kg       LD50     Dog     695 mg/kg       LD50     Dog     695 mg/kg       Mouse     1519 mg/kg       Butare/CS106-97-8/     Kata     746 mg/kg       LC50     Mouse     1237 mg/l, 120 Minutes       LC50     Mouse     237 mg/l, 120 Minutes       LC50     Mouse     1237 mg/l, 120 Minutes       LC50     Rat     1237 mg/l, 120 Minutes       LC50     Rat     1237 mg/l, 120 Minutes       LC50     Rat     1237 mg/l, 120 Minutes			0.68 ml/kg, 24 Hours
Inhalation       400 ppm, 7 Hours         LC50       Rabbit       400 ppm, 7 Hours         Rat       450 ppm, 4 Hours         Oral       995 mg/kg         LD100       Dog       968 mg/kg         LD50       Dog       648 mg/kg         LD50       Dog       649 mg/kg         LD50       Quinea pig       1414 mg/kg         Mouse       1519 mg/kg       649 mg/kg         Butane (CAS 106-97-8)       Kat       746 mg/kg         Acute       1746 mg/kg       620 mg/kg         Inhalation       1237 mg/l, 120 Minutes       52 %, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes       52 %, 120 Minutes         Fropane (CAS 74-98-6)       Kat       1355 mg/l       52 %, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes       52 %, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes       52 %, 120 Minutes         Sodium Bicarbonate (CAS 144-55-5)       Kat       1355 mg/l       688 mg/l/4h         Sodium Bicarbonate (CAS 144-55-5)       Kat       1355 mg/l       688 mg/l/4h         LC50       Rat       1355 mg/l       688 mg/l/4h			0.63 ml/kg
LC50Rabit400 ppm,7 HoursRat450 ppm,4 HoursOrai-LD100Rabit09 mg/kgLD50Og695 mg/kgMouse1414 mg/kgMouse151 mg/kgBatarion151 mg/kgLC50Mouse1237 mg/l,120 MinutesLC50Rat325 mg/l,120 MinutesLC50Rat325 mg/l,120 MinutesLC50Rat325 mg/l,120 MinutesLC50Mouse1237 mg/l,120 MinutesLC50Mouse1237 mg/l,120 MinutesLC50Mouse1237 mg/l,120 MinutesLC50Mouse1237 mg/l,120 MinutesLC50Mouse1237 mg/l,120 MinutesLC50Rat355 mg/l,120 MinutesSotum HoracterFat1237 mg/l,120 MinutesLC50Rat355 mg/l,120 MinutesLC50Rat355 mg/l,120 MinutesLC50Rat355 mg/l,120 MinutesLC50Rat355 mg/l,120 MinutesLC50Rat355 mg/l,120 MinutesLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArgetLC50RatArget		Rat	> 2000 mg/kg, 24 Hours
L50Rabit400 pm,7 HoursRat450 pm,4 HoursOrai-L100Rabit09 mg/qLD50Quiea pig1414 mg/qMouse151 mg/kgBataron (Sang)151 mg/kgL50Mouse132 mg/qButaron (Sang)123 mg/qL50Mouse237 mg/qL50Rat355 mg/qL50Rat355 mg/qL50Mouse123 mg/qL50Rat355 mg/q <td>Inhalation</td> <td></td> <td></td>	Inhalation		
Oral       Gabbit       695 mg/kg         LD100       Dog       695 mg/kg         LD50       Dog       695 mg/kg         LD50       Guinea pig       1414 mg/kg         Mouse       1519 mg/kg         Butane (CAS 106-97-8)       Rat       746 mg/kg         Acute       1746 mg/kg         Inhalation       237 mg/l, 120 Minutes         LC50       Mouse       237 mg/l, 120 Minutes         Forpame (CAS 74-98-6)       Rat       355 mg/l         Acute       Rat       1355 mg/l         Inhalation       1237 mg/l, 120 Minutes       20 Minutes         LC50       Mouse       237 mg/l, 120 Minutes         Forpame (CAS 74-98-6)       Rat       355 mg/l         Molase       LC50       Mouse       237 mg/l, 120 Minutes         Sodium Bicarbonate (CAS 144-55-W)       Rat       355 mg/l         Cotte       Rat       355 mg/l       358 mg/l         Sodium Bicarbonate (CAS 144-55-W)       Rat       Sodium Size mg/l         LC50       Rat       Acute       4.74 mg/l         Cotte       Rat       4.74 mg/l       355 mg/l		Rabbit	400 ppm, 7 Hours
LD00       Rabbit       695 mg/kg         LD50       Dog       695 mg/kg         LD50       Guinea pig       1414 mg/kg         Mouse       1519 mg/kg       1519 mg/kg         Butane (CAS 106-97-8)       Kata       1746 mg/kg         Butane (CAS 106-97-8)       Kata       237 mg/l, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes         LC50       Mouse       237 mg/l, 120 Minutes         Rat       155 mg/l       155 mg/l         Propane (CAS 74-98-6)       Kata       237 mg/l, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes         LC50       Rat       1237 mg/l, 120 Minutes         Scatue       Kata       52 %, 120 Minutes         Inhalation       1237 mg/l, 120 Minutes       124 mg/l         LC50       Mouse       1237 mg/l, 120 Minutes         Scatue       Rat       355 mg/l         Scatue       Rat       355 mg/l         Scatue       Rat       355 mg/l         LC50       Rat       Scatue         LC50       Rat       Acute         Inhalation       LC50       Kata         LC50       Rat       Acute      <		Rat	450 ppm, 4 Hours
LD00       Rabbit       695 mg/kg         LD50       Dog       695 mg/kg         LD50       Guinea pig       1414 mg/kg         Mouse       1519 mg/kg       1519 mg/kg         Butane (CAS 106-97-8)       Kata       1746 mg/kg         Butane (CAS 106-97-8)       Kata       237 mg/l, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes         LC50       Mouse       237 mg/l, 120 Minutes         Rat       155 mg/l       155 mg/l         Propane (CAS 74-98-6)       Kata       237 mg/l, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes         LC50       Rat       1237 mg/l, 120 Minutes         Scatue       Kata       52 %, 120 Minutes         Inhalation       1237 mg/l, 120 Minutes       124 mg/l         LC50       Mouse       1237 mg/l, 120 Minutes         Scatue       Rat       355 mg/l         Scatue       Rat       355 mg/l         Scatue       Rat       355 mg/l         LC50       Rat       Scatue         LC50       Rat       Acute         Inhalation       LC50       Kata         LC50       Rat       Acute      <	Oral		
Guinea pig       1414 mg/kg         Mouse       1519 mg/kg         Rat       1746 mg/kg         Butane (CAS 106-97-8)       1746 mg/kg         Acute       1746 mg/kg         Inhalation       1237 mg/l, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes         Fropane (CAS 74-98-6)       Rat       1355 mg/l         Acute       Nouse       1237 mg/l, 120 Minutes         Inhalation       1355 mg/l       1237 mg/l, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes         Forpane (CAS 74-98-6)       Rat       1355 mg/l         Acute       Rat       1355 mg/l         Inhalation       Rat       1355 mg/l         LC50       Mouse       1237 mg/l, 120 Minutes         Sodium Bicarbonate (CAS 144-55-8)       Rat       1355 mg/l         LC50       Rat       1355 mg/l         LC50       Rat       Acute         Inhalation       LC50       Kat         LC50       Rat       4.74 mg/l		Rabbit	695 mg/kg
Mouse       1519 mg/kg         Rat       1746 mg/kg         Butane (CAS 106-97-8)	LD50	Dog	> 695 mg/kg
Mouse       1519 mg/kg         Rat       1746 mg/kg         Butane (CAS 106-97-8)		Guinea pig	1414 mg/kg
Rat       1746 mg/kg         Butane (-CAS 106-97-8)       Keute         Inhalation       1237 mg/l, 120 Minutes         LC50       Mouse       20%, 120 Minutes         Forpare (-CAS 74-98-6)       Rat       1355 mg/l         Muse       1237 mg/l, 120 Minutes       1200 Minutes         Forpare (-CAS 74-98-6)       Katue       1355 mg/l         Mouse       1237 mg/l, 120 Minutes       120 Minutes         LC50       Mouse       20% l20 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes         Sofum Hardition       1237 mg/l, 120 Minutes         LC50       Mouse       52% l20 Minutes         Sofum Hardition       1355 mg/l         LC50       Rat       1355 mg/l         Sofum Hardition       1355 mg/l         LC50       Rat       4.74 mg/l			
Butane (CAS 106-97-8) Acute Inhalation LC50 Mouse Rat		Rat	
Acute       Inhalation         Inhalation       1237 mg/l, 120 Minutes         LC50       Mouse       52 %, 120 Minutes         Propert       Rat       1355 mg/l         Propert       Mouse       1237 mg/l, 120 Minutes         Propert       Nouse       1237 mg/l, 120 Minutes         Inhalation       1237 mg/l, 120 Minutes         Ic50       Mouse       1237 mg/l, 120 Minutes         Ic50       Mouse       52 %, 120 Minutes         Secure       Rat       1355 mg/l         Sodum Everstorester(CAS144-555)       Fertione         LC50       Rat       Secure         Inhalation       LC50       Kat         Ic50       Rat       Acute	Butane (CAS 106-97-8)		
Inhalation         1237 mg/l, 120 Minutes           LC50         Mouse         52 %, 120 Minutes           52 %, 120 Minutes         52 %, 120 Minutes           Propare (CAS 74-98-6)         355 mg/l           Acute         1000000000000000000000000000000000000			
Rat       52 %, 120 Minutes         Propane (CAS 74-98-6)       1355 mg/l         Acute       Inhalation         Inhalation       237 mg/l, 120 Minutes         LC50       Mouse       1237 mg/l, 120 Minutes         Kat       1355 mg/l         Godium Bicarbonate (CAS 144-55-8)       Fat         Acute       Inhalation         Inhalation       658 mg/l/4h         Sodium Bicarbonate (CAS 144-55-8)       Kat         Acute       Inhalation         Inhalation       4.74 mg/l			
Rat       1355 mg/l         Propane (CAS 74-98-6)          Acute          Inhalation          Inhalation       1237 mg/l, 120 Minutes         LC50       Mouse       237 mg/l, 120 Minutes         S01       Rat       1355 mg/l         Kate       1355 mg/l         Inhalation       658 mg/l/4h         LC50       Rat       Acute         Inhalation        674 mg/l	LC50	Mouse	1237 mg/l, 120 Minutes
Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse Rat Case Case Case Case Case Case Case Case			52 %, 120 Minutes
Acute Inhalation         I237 mg/l, 120 Minutes           LC50         Mouse         52 %, 120 Minutes           Sequence         Fag         1355 mg/l           Sodium Elcarbonate (CAS 144-55-5)         58 mg/l/4h           Acute Inhalation         Kate         58 mg/l/4h           LC50         Rat         4.74 mg/l		Rat	1355 mg/l
Acute Inhalation         I237 mg/l, 120 Minutes           LC50         Mouse         52 %, 120 Minutes           Sequence         Fag         1355 mg/l           Sodium Elcarbonate (CAS 144-55-5)         58 mg/l/4h           Acute Inhalation         Kate         58 mg/l/4h           LC50         Rat         4.74 mg/l	Propane (CAS 74-98-6)		
LC50 Mouse 1237 mg/l, 120 Minutes 52 %, 120 Minutes 52 %, 120 Minutes 120 Minu			
Rat       52 %, 120 Minutes         1355 mg/l       658 mg/l/4h         Sodium Bicarbonate (CAS 144-55-8)       658 mg/l/4h         Acute       Inhalation         LC50       Rat       4.74 mg/l         Oral       Oral	Inhalation		
Rat1355 mg/lSodium Bicarbonate (CAS 144-55-8)658 mg/l/4hAcute Inhalation LC50Rat4.74 mg/lOral0	LC50	Mouse	1237 mg/l, 120 Minutes
658 mg/l/4h Sodium Bicarbonate (CAS 144-55-8)          Acute       Inhalation         LC50       Rat       4.74 mg/l         Oral       Intervention       1000000000000000000000000000000000000			52 %, 120 Minutes
Sodium Bicarbonate (CAS 144-55-8) Acute Inhalation LC50 Rat 4.74 mg/l Oral		Rat	1355 mg/l
Acute Inhalation LC50 Rat 4.74 mg/l Oral			658 mg/l/4h
Acute Inhalation LC50 Rat 4.74 mg/l Oral	Sodium Bicarbonate (CAS 14	14-55-8)	
LC50 Rat 4.74 mg/l Oral			
Oral	Inhalation		
	LC50	Rat	4.74 mg/l
LD50 Rat > 4000 mg/kg			
	LD50	Rat	> 4000 mg/kg

Sodium Carbonate Anhydrous (CA <u>Acute</u> Dermal	AS 497-19-8)	
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Guinea pig	800 mg/m3, 2 Hours
Aerosol		
LC50	Mouse	1200 mg/m3, 2 Hours
	Rat	2300 mg/m3, 2 Hours
LC50	Rat	2.3 mg/l, 2 hours supplier
Oral		
LD50	Rat	2800 mg/kg
* Estimates for product may b	e based on additional component data no	ot shown.
Skin corrosion/irritation	Prolonged skin contact may cause tem	porary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause ten	nporary irritation.
Respiratory or skin sensitizatior	n	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause s	skin sensitization.
Germ cell mutagenicity	No data available to indicate product or mutagenic or genotoxic.	r any components present at greater than 0.1% are
Carcinogenicity	This product is not considered to be a c	carcinogen by IARC, ACGIH, NTP, or OSHA.
IARC Monographs. Overall	Evaluation of Carcinogenicity	
2-Butoxyethanol (CAS 11 OSHA Specifically Regulate	1-76-2) 3 Not c d Substances (29 CFR 1910.1001-1050	lassifiable as to carcinogenicity to humans.
Not regulated. US. National Toxicology Pro	ogram (NTP) Report on Carcinogens	
Not listed.		
Reproductive toxicity	This product is not expected to cause r	eproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not likely, due to the form of the product.	
Chronic effects	May be harmful if absorbed through ski	in. Prolonged inhalation may be harmful.
	2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.	

# 12. Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product		Species	Test Results
18 OZ GOLDEN WES	T BAT CLNR PRT	CT LB 12PK	
Aquatic			
Crustacea	EC50	Daphnia	158.5549 mg/L, 48 Hours estimated
Fish	LC50	Fish	333.0527 mg/l, 96 hours estimated
Components		Species	Test Results
2-Butoxyethanol (CAS	5 111-76-2)		
Aquatic			
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours

Components		Species	Test Results
Ammonium Hydroxide	e (CAS 1336-21-6)		
Aquatic			
Crustacea	EC50	Daphnia	0.66 mg/L, 48 Hours
Fish	LC50	Western mosquitofish (Gambusia affinis)	15 mg/l, 96 hours
Sodium Bicarbonate (	CAS 144-55-8)		
Aquatic			
Crustacea	EC50	Daphnia	2350 mg/L, 48 Hours
Fish	LC50	Western mosquitofish (Gambusia affinis)	7550 mg/l, 96 hours
Sodium Carbonate An	hydrous (CAS 497-	19-8)	
Aquatic			
Crustacea	EC50	Daphnia	265 mg/L, 48 Hours
		Water flea (Ceriodaphnia dubia)	156.6 - 298.9 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	300 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

#### **Bioaccumulative potential**

Partition coefficient n-oct	anol / water (log Kow)
2-Butoxyethanol	0.83
Butane	2.89
Propane	2.36
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

#### 13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

# 14. Transport information

DOT	
UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	None
Packing group	Not applicable.
Special precautions for user	• Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None
ΙΑΤΑ	
UN number	UN1950
UN proper shipping name	Aerosols, flammable

Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	None
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
Special precautions for user Other information	Read safety instructions, SDS and emergency procedures before handling.
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
Packaging Exceptions	LTD QTY
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions	LTD QTY
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

#### DOT



# 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

# CERCLA Hazardous Substance List (40 CFR 302.4)

Ammonium Hydroxide (CAS 1336-21-6)

Listed.

Not regulated. OSHA Specifically Regul Not regulated.	ated Substances (29 CF	R 1910.1001-1050)		
Superfund Amendments and Hazard categories	Reauthorization Act of Immediate Hazard - Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Y Reactivity Hazard - N	No D res		
SARA 302 Extremely haz Not listed.	-			
SARA 311/312 Hazardous chemical	s No			
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.	
2-Butoxyethanol		111-76-2	1 - 2.5	
Other federal regulations				
Clean Air Act (CAA) Sect	ion 112 Hazardous Air P	Pollutants (HAPs) List		
Not regulated. Clean Air Act (CAA) Sect Butane (CAS 106-97-{ Propane (CAS 74-98-(	3)	elease Prevention (40 CFF	R 68.130)	
Safe Drinking Water Act (SDWA)	Not regulated.			
US state regulations				
US state regulations US. California Controlled	Substances. CA Depart	tment of Justice (Californ	ia Health and Safet	y Code Section 11100)
US. California Controlled Not listed.	-			y Code Section 11100) Regs, tit. 22, 69502.3, subc
US. California Controlled Not listed. US. California. Candidate (a)) 2-Butoxyethanol (CAS Butane (CAS 106-97-8	Chemicals List. Safer C 111-76-2) 3)			
US. California Controlled Not listed. US. California. Candidate (a)) 2-Butoxyethanol (CAS Butane (CAS 106-97-8 US. Massachusetts RTK 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-8 Propane (CAS 74-98-0	• Chemicals List. Safer C 5 111-76-2) 3) • Substance List 5 111-76-2) • (CAS 1336-21-6) 3) 6)	Consumer Products Regu		
US. California Controlled Not listed. US. California. Candidate (a)) 2-Butoxyethanol (CAS Butane (CAS 106-97-8 US. Massachusetts RTK 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-8 Propane (CAS 74-98-6 US. New Jersey Worker a 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-8	Chemicals List. Safer C 111-76-2) Substance List 111-76-2) (CAS 1336-21-6) CAS 1336-21-6) CAS 1336-21-6) 111-76-2) (CAS 1336-21-6) CAS 1336-21-6) CAS 1336-21-6) CAS 1336-21-6)	Consumer Products Regu		
US. California Controlled Not listed. US. California. Candidate (a)) 2-Butoxyethanol (CAS Butane (CAS 106-97-8 US. Massachusetts RTK 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-8 Propane (CAS 74-98-6 US. New Jersey Worker a 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-8 Propane (CAS 106-97-8 Propane (CAS 74-98-6	Chemicals List. Safer C 111-76-2) Substance List 111-76-2) (CAS 1336-21-6) CAS 1336-21-6) 111-76-2) (CAS 1336-21-6) (CAS 1336-21-6) CAS 1336-21-6) (CAS 1356-21-6) (CAS 1356-20-6) (CAS 1356-20-6) (C	Consumer Products Regu		
US. California Controlled Not listed. US. California. Candidate (a)) 2-Butoxyethanol (CAS Butane (CAS 106-97-4 US. Massachusetts RTK 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 106-97-4 Dropane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 74-98-0 US. Pennsylvania Worke 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 106-97-4	e Chemicals List. Safer C 5 111-76-2) 5) - Substance List 5 111-76-2) (CAS 1336-21-6) 6) and Community Right-to 5 111-76-2) (CAS 1336-21-6) 8) 6) r and Community Right- 5 111-76-2) (CAS 1336-21-6) 8) 6) 7 (CAS 1336-21-6) 8) 6)	Consumer Products Regu		
US. California Controlled Not listed. US. California. Candidate (a)) 2-Butoxyethanol (CAS Butane (CAS 106-97-4 US. Massachusetts RTK 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 74-98-4 US. New Jersey Worker a 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 74-98-4 US. Pennsylvania Worke 2-Butoxyethanol (CAS Ammonium Hydroxide	e Chemicals List. Safer C 5 111-76-2) 5) - Substance List 5 111-76-2) (CAS 1336-21-6) 6) and Community Right-to 5 111-76-2) (CAS 1336-21-6) 8) 6) r and Community Right- 5 111-76-2) (CAS 1336-21-6) 8) 6) 7 (CAS 1336-21-6) 8) 6)	Consumer Products Regu		
<ul> <li>US. California Controlled Not listed.</li> <li>US. California. Candidate (a))</li> <li>2-Butoxyethanol (CAS Butane (CAS 106-97-4</li> <li>US. Massachusetts RTK</li> <li>2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. New Jersey Worker a</li> <li>2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. Pennsylvania Worke 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 106-97-4</li> </ul>	e Chemicals List. Safer C 111-76-2) 3) - Substance List 111-76-2) (CAS 1336-21-6) 3) 6) and Community Right-to (CAS 1336-21-6) 3) 6) r and Community Right- 111-76-2) (CAS 1336-21-6) 3) 6) (CAS 1336-21-6) 3) 6)	Consumer Products Regu		
<ul> <li>US. California Controlled Not listed.</li> <li>US. California. Candidate (a))</li> <li>2-Butoxyethanol (CAS Butane (CAS 106-97-4</li> <li>US. Massachusetts RTK</li> <li>2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. New Jersey Worker a</li> <li>2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. Pennsylvania Worker</li> <li>2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. Pennsylvania Worker</li> <li>2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. Rhode Island RTK Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. California Propositio</li> </ul>	e Chemicals List. Safer C 111-76-2) 3) - Substance List 111-76-2) (CAS 1336-21-6) 3) 6) and Community Right-to 111-76-2) (CAS 1336-21-6) 3) 6) r and Community Right- 111-76-2) (CAS 1336-21-6) 3) 6) (CAS 1336-21-6) 3) 6) 100 100 100 100 100 100 100 10	Consumer Products Regu	lations (Cal. Code F	Regs, tit. 22, 69502.3, subc
<ul> <li>US. California Controlled Not listed.</li> <li>US. California. Candidate (a))</li> <li>2-Butoxyethanol (CAS Butane (CAS 106-97-4</li> <li>US. Massachusetts RTK</li> <li>2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. New Jersey Worker a 2-Butoxyethanol (CAS Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 74-98-4</li> <li>US. Rhode Island RTK Ammonium Hydroxide Butane (CAS 106-97-4 Propane (CAS 106-</li></ul>	<ul> <li>Chemicals List. Safer C</li> <li>111-76-2)</li> <li>Substance List</li> <li>111-76-2)</li> <li>(CAS 1336-21-6)</li> <li>and Community Right-to</li> <li>111-76-2)</li> <li>(CAS 1336-21-6)</li> <li>a)</li> <li>and Community Right-</li> <li>(CAS 1336-21-6)</li> <li>(CAS 1336-21-6)</li> <li>a)</li> <li>(CAS 1336-21-6)</li> <li>a)</li> <li>a)</li> <li>a)</li> <li>a)</li> <li>a)</li> <li>a)</li> <li>a)</li> <li>a)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>b)</li> <li>b)</li> <li>a)</li> <li>b)</li> <li>b)</li> <li>b)</li> <li>b)</li> <li>c)</li> <lic)< li=""> <li>c)</li> <lic)< li=""> <li>c)</li> <lic)< li=""> <lic)< li=""> <li>c)</li> <lic)< li=""> <li>c</li></lic)<></lic)<></lic)<></lic)<></lic)<></ul>	o-Know Act	nia to cause cancer.	Regs, tit. 22, 69502.3, subc

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

Issue date	05-11-2016
Version #	01
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
Revision information	Product and Company Identification: Alternate Trade Names