

SECTION 1: Identification

EASY-CLEAN®

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015) Issue date: 2022-08-05 Version: 1.0

1.1. Product identifier Product form Mixture EASY-CLEAN® Trade name : Product group Mixtures · 1.2. Recommended use and restrictions on use No additional information available 1.3. Supplier Manufacturer Whitmore Manufacturing LLC 930 Whitmore Drive Rockwall, Texas, 75087 USA T 1.972.771.1000 Regulatory@whitmores.com - www.jetlube.com 1.4. Emergency telephone number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week Emergency number Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1.703.527.3887 (collect calls accepted) **SECTION 2: Hazard identification** 2.1. Classification of the substance or mixture **Classification (GHS CA)** Skin corrosion/irritation Category 1 H314 Causes severe skin burns and eye damage Serious eye damage/eye irritation Category 1 H318 Causes serious eye damage Full text of H statements : see section 16 2.2. GHS Label elements, including precautionary statements **GHS CA labeling** Hazard pictograms (GHS CA)

Signal word (GHS CA)



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 H314 - Causes severe skin burns and eye damage P260 - Do not breathe dust/fume/gas/mist/vapors/spray. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor. P321 - Specific treatment (see supplemental first aid instruction on this label).
P310 - Immediately call a POISON CENTER or doctor. P321 - Specific treatment (see supplemental first aid instruction on this label). P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.

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P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Alcohols, C9-11, ethoxylated	SURFACTANT LB 1006 / SURFACTANT LB 1008	CAS-No.: 68439-46-3	9.7	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
Dipropylene glycol n-butylether	1-(2-butoxy-1- methylethoxy)-2- propanol / 1-(2- butoxy-1- methylethoxy)pro pan-2-ol / 2- propanol, 1-(2- butoxy-1- methylethoxy)- / butyl dipropasol solvent / dowanol 54b / Dowanol DPnB / DPnB / n- butoxy- methylethoxy- propanol / n- butoxy-propoxy- propanol / Solvenol DPnB	CAS-No.: 29911-28-2	6.1479 – 6.21	STOT SE 3, H336
Soy Emulsifier	-	CAS-No.: Proprietary	3.88	Eye Dam. 1, H318

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Disodium Metasilicate	anhydrous sodium metasilicate / disodium metasilicate / disodium monosilicate / silicic acid (H2- SiO3), disodium salt / silicic acid, disodium salt / sodium salt / sodium metasilicate (Na2SiO3) / sodium metasilicate, anhydrous / sodium silicate (=disodium metasilicate, / sodium silicate, powder (=disodium metasilicate) /	CAS-No.: 6834-92-0	1.7574	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion First-aid measures general	 Remove person to fresh air and keep comfortable for breathing. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. Rinse mouth. Do not induce vomiting. Call a physician immediately. Call a physician immediately.
4.2. Most important symptoms and effects (a	acute and delayed)
Symptoms/effects after skin contact Symptoms/effects after eye contact	 May cause drowsiness or dizziness. Burns. Serious damage to eyes. Burns.
4.3. Immediate medical attention and specia	I treatment, if necessary
Other medical advice or treatment	: Treat symptomatically.
SECTION 5: Fire-fighting measures	

SECTION 5. File-lighting measures	
5.1. Suitable extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Unsuitable extinguishing media	
No additional information available	

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5.3. Specific hazards arising from the hazar	dous product
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.4. Special protective equipment and preca	autions for fire-fighters
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release measur	es
6.1. Personal precautions, protective equip	ment and emergency procedures
No additional information available	

6.2. Methods and materials for containment and cleaning up			
Methods for cleaning up Other information	Take up liquid spill into absorbent material.Dispose of materials or solid residues at an authorized site.		
6.3. Reference to other sections			

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	g any incompatibilities

Storage conditions

: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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Appropriate engineering controls
Environmental exposure controls
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Ensure good ventilation of the work station. Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

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Hand protection:				
Туре	Material	Permeation	Thickness (mm)	Penetration
Disposable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	6 (> 480 minutes)	> 0.6 mm	

Skin and body protection:
Wear suitable protective clothing

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Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Appearance Color Odor Odor threshold pH Relative evaporation rate (butyl acetate=1) Relative evaporation rate (ether=1) Melting point Freezing point Freezing point Flash point Auto-ignition temperature Decomposition temperature Flammability (solid, gas) Vapor pressure Relative vapor density at 20 °C Relative density Solubility Partition coefficient n-octanol/water (Log Pow) Viscosity, kinematic Explosion limits	 Liquid No data available pink Mild odor No data available 13.5 - 14 No data available No data available No data available Not applicable 0 °C 100 °C > 100 °C Non flammable No data available Soluble. No data available 4.5 mm²/s No data available
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9.2. Other information

VOC content

: 0 g/l

SECTION 10: Stability and reactivity	у
Reactivity Chemical stability	 The product is non-reactive under normal conditions of use, storage and transport. Stable under normal conditions.
Possibility of hazardous reactions Conditions to avoid	 No dangerous reactions known under normal conditions of use. None under recommended storage and handling conditions (see section 7).
Incompatible materials Hazardous decomposition products	 No additional information available Under normal conditions of storage and use, hazardous decomposition products should not be
	produced.
Hardening time:	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (dermal)	Not classified Not classified Not classified
LD50 oral rat	1378 mg/kg (Rat, Oral)
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Dermal)
LC50 Inhalation - Rat	> 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
ATE CA (oral)	1378 mg/kg body weight

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Dipropylene glycol n-butylether (29911-28-2)	
LD50 oral	4000 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	 > 2.04 mg/l air Animal: rat, Guideline: OECD Guideline 402 (Acute Derma Toxicity) > 2.04 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
	4000 mg/kg body weight
ATE CA (oral)	
Disodium Metasilicate (6834-92-0)	
LD50 oral rat	1152 – 1349 mg/kg body weight (Rat, Male / female, Experimental value, Oral)
LD50 oral	600 mg/kg
LD50 dermal rat	> 5000 mg/kg body weight Animal: rat, Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 2.06 mg/l air Animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)
ATE CA (oral)	600 mg/kg body weight
Skin corrosion/irritation :	Causes severe skin burns. pH: 13.5 – 14
Dipropylene glycol n-butylether (29911-28-2)	
рН	5.5 – 7.5 (5 %)
Disodium Metasilicate (6834-92-0)	
рН	12.5 (1 %)
Serious eye damage/irritation :	Causes serious eye damage. pH: 13.5 – 14
Dipropylene glycol n-butylether (29911-28-2)	
pН	5.5 – 7.5 (5 %)
Disodium Metasilicate (6834-92-0)	
рН	12.5 (1 %)
	Not classified
Germ cell mutagenicity : Carcinogenicity :	Not classified Not classified
	Not classified
Disodium Metasilicate (6834-92-0)	
NOAEL (animal/female, F0/P)	> 159 mg/kg body weight Animal: rat, Animal sex: female
STOT-single exposure :	Not classified
Dipropylene glycol n-butylether (29911-28-2)	
STOT-single exposure	May cause drowsiness or dizziness.
Disodium Metasilicate (6834-92-0)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure :	Not classified
Alcohols, C9-11, ethoxylated (68439-46-3)	
NOAEL (oral,rat,90 days)	≥ 500 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Dipropylene glycol n-butylether (29911-28-2)	
LOAEL (dermal,rat/rabbit,90 days)	273 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
NOAEL (oral,rat,90 days)	450 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

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Dipropylene glycol n-butylether (29911-28-2)	
NOAEL (dermal,rat/rabbit,90 days)	91 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
Disodium Metasilicate (6834-92-0)	
NOAEL (oral,rat,90 days)	227 – 237 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90- Day Oral Toxicity in Rodents)
Aspiration hazard :	Not classified
EASY-CLEAN®	
Viscosity, kinematic	4.5 mm ² /s
Alcohols, C9-11, ethoxylated (68439-46-3)	
Animal studies and expert judgment for classification	False
Dipropylene glycol n-butylether (29911-28-2)	
Viscosity, kinematic	4.78 mm ² /s
Animal studies and expert judgment for classification	False
Soy Emulsifier (Proprietary)	
Animal studies and expert judgment for classification	False
Disodium Metasilicate (6834-92-0)	
Animal studies and expert judgment for classification	False
Symptoms/effects after skin contact : Symptoms/effects after eye contact :	May cause drowsiness or dizziness. Burns. Serious damage to eyes. Burns.

SECTION 12: Ecological information

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6, 6	Before neutralisation, the product may represent a danger to aquatic organisms. Not classified
	Not classified
Alcohols, C9-11, ethoxylated (68439-46-3)	
LC50 - Fish [1]	5 – 7 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	2.5 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	1.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
Dipropylene glycol n-butylether (29911-28-2)	
LC50 - Fish [1]	841 mg/l
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
ErC50 algae	556.4 mg/l
EC50 96h - Algae [1]	519 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
Disodium Metasilicate (6834-92-0)	
LC50 - Fish [1]	210 mg/l
EC50 - Crustacea [1]	1700 mg/l Test organisms (species): Daphnia magna

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Disodium Metasilicate (6834-92-0)	
EC50 72h - Algae [1]	207 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
12.2. Persistence and degradability	
Alcohols, C9-11, ethoxylated (68439-46-3)	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
Dipropylene glycol n-butylether (29911-28-	2)
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
Disodium Metasilicate (6834-92-0)	
Not rapidly degradable	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
12.3. Bioaccumulative potential	
Alcohols, C9-11, ethoxylated (68439-46-3)	
Bioaccumulative potential	No bioaccumulation data available. Bioaccumulation unlikely.
Dipropylene glycol n-butylether (29911-28-2	2)
Bioaccumulative potential	Not bioaccumulative.
Disodium Metasilicate (6834-92-0)	
Bioaccumulative potential	Bioaccumulation unlikely.
12.4. Mobility in soil	
Disodium Metasilicate (6834-92-0)	
Ecology - soil	No (test) data on mobility of the substance available.
12.5. Other adverse effects	
Ozone	: Not classified
SECTION 13: Disposal considerations	

13.1. Disposal methods Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

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DOT UN-No.(DOT)

: UN3266

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DOT Special Provisions (49 CFR 172.102)	 IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T7 - 4 178.274(d)(2) Normal
DOT Packaging Exceptions (49 CFR 173.xxx) DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 154 : 203 : 241
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) DOT Vessel Stowage Location	 60 L A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a
DOT Vessel Stowage Other	passenger vessel. : 40 - Stow "clear of living quarters",52 - Stow "separated from" acids
IMDG Special provision (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Stowage and handling (IMDG) Segregation (IMDG) Properties and observations (IMDG)	 223, 274 5 L E1 P001, LP01 IBC03 T7 TP1, TP28 F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES A SW2 SGG18, SG35 Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.
IATA PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provision (IATA) ERG code (IATA)	: E1 : Y841 : 1L : 852 : 5L : 856 : 60L : A3, A803 : 8L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Alcohols, C9-11, ethoxylated (68439-46-3)

Listed on the Canadian DSL (Domestic Substances List)

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Dipropylene glycol n-butylether (29911-28-2)		
Listed on the Canadian DSL (Domestic Substances List)		
Canada DSL & NDSL Flags	Substance was manufactured or imported during the transitional period (e.g. January 1, 1987 and July 1, 1994)	

Soy Emulsifier (Proprietary)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

Disodium Metasilicate (6834-92-0)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Alcohols, C9-11, ethoxylated (68439-46-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Dipropylene glycol n-butylether (29911-28-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIOC (New Zealand Inventory of Chemicals) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Soy Emulsifier (Proprietary)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Disodium Metasilicate (6834-92-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIOC (New Zealand Inventory of Chemicals) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

SECTION 16: Other information

Issue date

: 08-05-2022

Full text of H-phrases:	
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.