

PRO

Multi-Purpose Detergent
Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 09/29/2017 Revision date: 04/29/2015

SDS# 020

ITEM# 30364652
D364659
D364655

SECTION 1: Identification

Product form : Mixture
Product name : Multi-Purpose Detergent
Product code : 1675-4652

Use of the substance/mixture : Cleaners, liquids (all purpose cleaners, sanitary products, floor cleaners, glass cleaners, carpet cleaners, metal cleaners)

Paper Enterprises, Inc.
770 East 132Nd Street
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T (718) 402-1200

Emergency number : (800) 535-5053

SECTION 2: Hazard(s) identification

GHS-US classification

Skin corrosion/irritation H315 Causes skin irritation
Category 2
Serious eye damage/eye irritation Category 2A H319 Causes serious eye irritation

Full text of H statements : see section 16

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (GHS-US) : P264 - Wash hands and forearms thoroughly after handling
P280 - Wear protective gloves/eye protection/face protection
P302+P352 - If on skin: Wash with plenty of soap and water
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see First aid measures on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse

No additional information available

Not applicable

SECTION 3: Composition/Information on ingredients

Not applicable

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butyl glycoether	(CAS No) 111-76-2	5 - 10	Flam. Liq. 4, H227 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation: gas), H330 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Sodium Hydroxide, conc=50%, aqueous solution	(CAS No) 1310-73-2	1 - 5	Skin Corr. 1A, H314
dodecylbenzenesulphonic acid	(CAS No) 27176-87-0	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314

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

SECTION 4: First-aid measures

- First-aid measures general** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- First-aid measures after skin contact** : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.
- First-aid measures after eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion** : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Causes severe skin burns and eye damage.

Symptoms/effects after eye contact : Causes serious eye irritation.

No additional information available

SECTION 5: Fire-fighting measures

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

Reactivity : Thermal decomposition generates : corrosive vapors.

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

See Heading 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage

Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/mist/spray. Avoid contact during pregnancy/while nursing.
Hygiene measures	: Wash hands and forearms thoroughly after handling.
Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

Not applicable

Not applicable

ACGIH	Local name	2-Butoxyethanol (EGBE)
ACGIH	ACGIH TWA (ppm)	20 ppm (2-Butoxyethanol (EGBE); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL (TWA) (mg/m³)	240 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	50 ppm

No additional information available

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves/eye protection/face protection protective gloves

Eye protection:

Chemical goggles or face shield

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

Physical state : Liquid

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Color	: pink
Odor	: Butyl
Odor threshold	: No data available
pH	: 11
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 212 - 220 °F
Flash point	: 200 °F
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: Same as water
Relative density	: 1.04
Solubility	: Soluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

No additional information available

SECTION 10: Stability and reactivity

Thermal decomposition generates : corrosive vapors.

Stable under normal conditions. Not established.

Not established.

Direct sunlight. Extremely high or low temperatures.

Strong acids. Strong bases.

Fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : corrosive vapors.

SECTION 11: Toxicological information

Acute toxicity : Not classified

LD50 oral rat	650 mg/kg (Rat; Literature study)
ATE US (oral)	650 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	435 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity; 435 mg/kg body weight; Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
LC50 inhalation rat (mg/l)	2.17 mg/l/4h (Rat; Experimental value; 2.35 mg/l/4h; Rat; Experimental value)
LC50 inhalation rat (ppm)	450 - 486 ppm/4h 450-486,Rat

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ATE US (dermal)	435 mg/kg body weight
ATE US (gases)	450 ppm/4h
ATE US (vapors)	2.17 mg/4h
ATE US (dust, mist)	2.17 mg/4h

Skin corrosion/irritation	: Causes skin irritation. pH: 11
Serious eye damage/irritation	: Causes serious eye irritation. pH: 11
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

IARC group	3 - Not classifiable
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Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Causes severe skin burns and eye damage.
Symptoms/effects after eye contact	: Causes serious eye irritation.

SECTION 12: Ecological information

LC50 fish 1	4.2 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Fresh water)
EC50 Daphnia 1	5.5 mg/l (48 h; Daphnia magna)
LC50 fish 2	6 mg/l (96 h; Brachydanio rerio; Fresh water)
Threshold limit algae 2	127.9 mg/l (ErC50; Other; 72 h; Scenedesmus subspicatus; Static system)

Persistence and degradability	Not established.
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Persistence and degradability	Biodegradability: not applicable. No (test) data on mobility of the components available.
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Persistence and degradability	Readily biodegradable in water. Low potential for adsorption in soil.
Chemical oxygen demand (COD)	2.41 g O ₂ /g substance

Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0.71 g O ₂ /g substance
Chemical oxygen demand (COD)	2.2 g O ₂ /g substance
ThOD	2.305 g O ₂ /g substance
BOD (% of ThOD)	0.31

Bioaccumulative potential	Not established.
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Bioaccumulative potential	Does not contain bioaccumulative component(s).
Log Pow	1.96
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Log Pow	0.81 (Experimental value; BASF test; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Surface tension	35 N/m (25 °C; 800 mg/l)
Surface tension	0.027 N/m (25 °C)

Effect on the global warming : No known effects from this product.
 GWPmix comment : No known effects from this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.
 Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

TDG

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

Listed on the United States TSCA (Toxic Substances Control Act) inventory
 Not subject to reporting requirements of the United States SARA Section 313

CERCLA RQ 1000 lb

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Listed on the United States TSCA (Toxic Substances Control Act) inventory

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

No additional information available

SECTION 16: Other information

Revision date : 04/29/2015

Other information : None.

Full text of H-phrases:

H227	Combustible liquid
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled

HMIS III Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

Personal protection : B

B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

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