

ISSUE DATE: September 2013

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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME COLOR SAFE BLEACH

OTHER MEANS OF IDENTIFICATION

UN/ID Number UN 1479

Recommended Uses Color Safe Bleach

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS E-ZOIL Products, Inc.
DBA Emulso
2750 Kenmore Avenue
Tonawanda, NY 14150

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889
COMPANY FAX NUMBER (716) 854-2809
24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)
NORTH AMERICA 1-800-633-8253
INTERNATIONAL PERS 1-801-629-0667

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Ox. Sol. 2;H272 May intensify fire; oxidizer.
Acute Tox. 5;H303 May be harmful if swallowed. (Not adopted by US OSHA)
Eye Irrit. 2;H319 Causes serious eye irritation.

SIGNAL WORD: Danger

HAZARD STATEMENTS

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



HAZARD STATEMENTS
1. H272 May intensify fire; oxidizer.
2. H303 May be harmful if swallowed.
3. H319 Causes serious eye irritation.

APPEARANCE: WHITE SOLID PHYSICAL STATE: SOLID

PRECAUTIONARY STATEMENTS

PREVENTION	<p>P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.</p> <p>P220 Keep / Store away from clothing combustible materials.</p> <p>P221 Take any precaution to avoid mixing with combustibles.</p> <p>P264 Wash thoroughly after handling.</p> <p>P280 Wear protective gloves / eye protection / face protection.</p>
RESPONSE	<p>P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.</p> <p>P312 Call a POISON CENTER or doctor / physician if you feel unwell.</p> <p>P337+313 If eye irritation persists: Get medical advice / attention.</p> <p>P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.</p>
IF SWALLOWED	<p>Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.</p>
IF IN EYES	<p>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</p>
IF ON SKIN/HAIR	<p>Immediately remove all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse.</p>
IF INHALED	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a POISON CENTER or doctor/physician.</p>
IF EXPOSED/CONCERNED	<p>Get medical advice/ attention.</p>
STORAGE	<p>Store locked-up.</p>
DISPOSAL	<p>P501 Dispose of contents / container in accordance with local / national regulations.</p>
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)	<p>N/A</p>
OTHER INFORMATION	<p>N/A</p>

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Sodium percarbonate	0015630-89-4	25 - 50
Sodium carbonate	0000497-19-8	25 - 50
Sulfuric acid disodium salt	0007757-82-6	10 - 25
Pentasodium triphosphate	0007758-29-4	10 - 25

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE	Immediately call a POISON CENTER or doctor/physician.
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.
SKIN CONTACT	Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.
INHALATION	Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.
INGESTION	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink 1-2 glasses of water. Immediate medical attention is required.

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

SYMPTOMS	Exposed individuals may experience eye tearing, redness and discomfort. Contact will cause irritation and redness to be exposed areas. May cause irritation to the mucous membranes and upper respiratory tract. May cause gastrointestinal tract irritation, nausea, vomiting, and diarrhea.
NOTES TO PHYSICIAN	Treat symptomatically

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
UNSUITABLE EXTINGUISHING MEDIA	DRY CHEMICAL; CARBON DIOXIDE; FOAM; BC/ABC EXTINGUISHER MAY BE USED IN AREA WHERE MATERIAL IS STORED



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SPECIFIC HAZARDS ARISING FROM CHEMICAL

ADVICE FOR FIRE-FIGHTERS

Hazardous decomposition: Liberates oxygen when warm and wet. Hazardous polymerization will not occur. Keep away from heat / sparks / open flames / hot surfaces - No smoking.
Keep / Store away from clothing combustible materials. Take any precaution to avoid mixing with combustibles. Ingredient may decompose thermally to liberate oxygen and may be self-accelerating under adverse conditions. Liquids may cause fire. Combustion can cause release of toxic, corrosive gases

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS Use personal protective equipment as required. Spills may be slippery. Do not allow spills to enter drains or waterways.
ENVIRONMENTAL PRECAUTIONS Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

CONTAMINATION Prevent further leakage or spillage if safe to do so.
CLEAN-UP Contain spill and shovel or vacuum up. Flush area with water.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

PROTECTIVE MEASURES Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS Keep containers tightly closed in a dry, cool, and well-ventilated place. Store locked up. Protect from freezing. Do not store at temperatures above 120° F. Do not mix with other chemicals.
INCOMPATIBLE MATERIALS INCOMPATIBLE WITH ACIDS, ALUMINUM, PHOSPHOROUS PENTOXIDE, FLUORINE, LITHIUM, AND 2,4,6- TRINITROTOLUENE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium carbonate 0000497-19-8	No Established Limit	No Established Limit	No Established Limit
Sulfuric acid disodium salt 0007757-82-6	No Established Limit	No Established Limit	No Established Limit
Pentasodium triphosphate 0007758-29-4	No Established Limit	No Established Limit	No Established Limit
Sodium percarbonate 0015630-89-4	No Established Limit	No Established Limit	No Established Limit

ENGINEERING CONTROLS USE WITH ADEQUATE VENTILATION

CARCINOGEN DATA

CAS No.	Ingredient	OSHA	NTP	IARC
0000497-19-8	Sodium carbonate	-	-	-
0007757-82-6	Sulfuric acid disodium salt	-	-	-
0007758-29-4	Pentasodium triphosphate	-	-	-
0015630-89-4	Sodium percarbonate	-	-	-

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION	Wear approved safety goggles.
SKIN/BODY PROTECTION	PROTECTIVE GLOVES (VINYL OR RUBBER) RECOMMENDED FOR PROLONGED OR REPEATED CONTACT.
RESPIRATORY PROTECTION	USE A NIOSH/MSHA APPROVED DUST RESPIRATOR (#TC-21C-132) IF DUSTY CONDITIONS EXIST
GENERAL HYGIENE	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid
APPERANCE	White Solid
COLOR	White
ODOR	Little or no odor
ODOR THRESHOLD	Not determined
pH	% Solution=10.2
MELTING POINT/FREEZING POINT	Decomposes when heated
BOILING POINT/BOILING RANGE	Not Measured
FLASH POINT	Non-Flammable
EVAPORATION RATE	Is slower than ether
FLAMMABILITY (SOLID, GAS)	N/A
UPPER FLAMMABILITY LIMITS	Not flammable



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LOWER FLAMMABILITY LIMITS	Not flammable
VAPOR PRESSURE	Is heavier than air
SPECIFIC GRAVITY	1.457 (H ₂ O=1)
RELATIVE DENSITY	No data available
WATER SOLUBILITY	Moderate
PARTITION COEFFICIENT N-OCTANOL/ WATER	Not determined
AUTO-IGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined
VISCOSITY	Not determined
Volatility/Vol (%)	0.6

10. STABILITY AND REACTIVITY

REACTIVITY	Not reactive under normal conditions
CHEMICAL STABILITY	Stable under recommended storage conditions
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing
CONDITIONS TO AVOID	High temperatures
INCOMPATIBLE MATERIALS	Strong acids, aluminum, phosphorus pentoxide, fluorine, lithium, and 2,4,6-trinitrotoluene.
HAZARDOUS DECOMPOSITION PRODUCTS	Liberates oxygen when warm and wet. Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT	Causes severe eye damage.
SKIN CONTACT	Causes severe skin burns.
INHALATION	Avoid breathing vapors or mists.
INGESTION	May be harmful if swallowed.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Sodium percarbonate 15630-89-4	1,034.00, Rat - Category: 4	-	-
Sodium carbonate 497-19-8	4,090.00, Rat - Category: 5	-	-
Sulfuric acid disodium salt 7757-82-6	-	-	-
Pentasodium triphosphate 7758-29-4	3,120.00, Rat - Category: 5	-	-

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

SYMPTOMS Please see section 4 of this SDS for symptoms.

CARCINOGENICITY This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

NUMERICAL MEASURES OF TOXICITY-PRODUCT Not determined.

THE FOLLOWING VALUES ARE CALCULATED BASED ON CHAPTER 3.1 OF THE GHS DOCUMENT

ATEMIX (ORAL) 1281 MG/KG
ATEMIX (DERMAL) 27049 MG/KG

12. ECOLOGICAL INFORMATION

ECOTOXICITY An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

CHEMICAL NAME	TOXIC TO			
	ALGAE/ AQUATIC PLANTS	FISH	MICROORGANISMS	CRUSTACEA
Sodium percarbonate 15630-89-4	-	-	-	-
Sodium carbonate 497-19-8	242.00 (72 hr), Freshwater Algae	300.00, Lepomis macrochirus	-	265.00, Daphnia magna
Sulfuric acid disodium salt 7757-82-6	-	-	-	-
Pentasodium triphosphate 7758-29-4	-	-	-	-

PERSISTENCE AND DEGRADABILITY Not determined
BIOACCUMULATION Not determined
MOBILITY Not determined
OTHER ADVERSE EFFECTS Not determined

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL Disposal should be in accordance with applicable regional, national and local laws and regulations.

CONTAMINATED PACKAGING Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT

UN/ ID No UN1479
Proper Shipping Name Oxidizing solid, n.o.s., (SODIUM CARBONATE PEROXYHYDRATE),
Hazard Class 5.1
Packing Group III

IATA

UN/ ID No UN1479
Proper Shipping Name Oxidizing solid, n.o.s., (SODIUM CARBONATE PEROXYHYDRATE),
Hazard Class 5.1
Packing Group III

IMDG

UN/ ID No UN1479
Proper Shipping Name Oxidizing solid, n.o.s., (SODIUM CARBONATE PEROXYHYDRATE),
Hazard Class 5.1
Packing Group III

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

LEGEND

TSCA	United States Toxic Substances Control Act Section 8(B) Inventory
DSL/NDL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing/Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances

U.S. FEDERAL REGULATIONS

SARA 313/312 HAZARD CATEGORIES

CHEMICAL NAME	CAS NO.	WEIGHT %	SARA 313-THRESHOLD VALUES %
Proprietary Acid 1		> 1	

CLEAN WATER ACT (CWA)

CHEMICAL NAME	REPORTABLE QUANTITIES	TOXIC POLLUTANTS	PRIORITY POLLUTANTS	HAZARDOUS SUBSTANCES
Pentasodium triphosphate	5000 LBS	--	--	X



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CHEMICAL NAME	HAZARDOUS SUBSTANCES RQ	CERCLA/SARA RQ	REPORTABLE QUANTITY (RQ)
Pentasodium triphosphate	5000 LBS	--	RQ 5000lb final RQ

U.S. STATE REGULATIONS

U.S. STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Pentasodium triphosphate			X
Sulfuric acid disodium salt			X

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	Not determined	Not determined	Not determined

HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	Not determined	Not determined	Not determined

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge 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.

END OF SAFETY DATA SHEET