

ISSUE DATE: November 2013

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VERSION: 2

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME ONE SHOT PLUS CSB

OTHER MEANS OF IDENTIFICATION

Product Code LDBIFRSO

SDS Number E-126

Recommended Uses Powdered Laundry Detergent with Bleach

SDS-SUPPLIER INFORMATION

EMULSO

SUPPLIER ADDRESS 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

OSHA Regulatory Status This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation Category 3

Serious eye damage/eye irritation Category 2

Oxidizing solids Category 3

SIGNAL WORD Warning

HAZARD STATEMENTS



HAZARD STATEMENTS

1. Causes mild skin irritation
2. Causes serious eye irritation
3. May intensify fire; oxidizer

APPEARANCE Opaque Powder

PHYSICAL STATE

Solid White Granules

ODOR

Odorless

PRECAUTIONARY STATEMENTS

PREVENTION 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.
 Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE If exposed or concerned: Get medical advice/attention.

IF SWALLOWED Call a poison center or doctor/physician if you feel unwell.

IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing .

IF ON SKIN/HAIR Get medical advice/attention.

IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF EXPOSED/CONCERNED Get medical advice/ attention.

IN CASE OF FIRE Use CO2, dry chemical, or foam for extinction.

STORAGE Store in a well-ventilated place.

DISPOSAL Dispose of contents/container to an approved waste disposal plant.

OTHER INFORMATION May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CHEMICAL NAME	CAS NUMBER	WEIGHT - %	Trade Secret
Sodium Carbonate	497-19-8	40%-60%	*
Sodium Percarbonate	15630-89-4	5%-10%	*

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES
DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE Show this safety data sheet to the doctor in attendance.

EYE CONTACT Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.

SKIN CONTACT	Rinse immediately with plenty of water and seek medical advice.
INHALATION	If irritation develops or difficulty breathing remove victim to fresh air. Call physician immediately if irritation persists.
INGESTION	DO NOT induce vomiting. Give large amounts of water if victim is conscious. Never give anything by mouth to an unconscious person. Get medical attention immediately.
PROTECTION OF FIRST AIDERS	Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED

MAIN SYMPTOMS	The most important known symptoms and defects are described in the labeling in section 2 and/ or in section 11.
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INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTES TO PHYSICIAN	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
UNSUITABLE EXTINGUISHING MEDIA	CAUTION: Use of water spray when fighting fire may be inefficient.
SPECIFIC HAZARDS ARISING FROM CHEMICAL	No information available.
HAZARDOUS COMBUSTION PRODUCTS	On decomposition product releases oxygen which may intensify fire.

EXPLOSION DATA

SENSITIVITY TO MECHANICAL IMPACT	None
SENSITIVITY TO STATIC DISCHARGE	None

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	Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Wear protective gloves/clothing and eye/face protection.
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ENVIRONMENTAL PRECAUTIONS

Keep out of waterways. This product can be safely flushed into a sanitary sewer that leads to a wastewater treatment plant. See Section 12 for additional Ecological Information.

METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

CONTAMINATION Neutralize with mild acid. Flush neutralized solution to sewer with plenty of water.

CLEAN-UP Sweep up and flush area with water. Caution: Wet floors may be slippery when material is present. Avoid production of dust.

7. HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING**

PROTECTIVE MEASURES Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities, Wash thoroughly after work using soap and water. Do not eat, drink or smoke when using this product.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS Keep tightly closed in a dry and cool place. Store away from strong acids, aluminum, and other reactive metals. Keep out of the reach of children.

INCOMPATIBLE MATERIALS Strong acids. Strong reducing agents. Combustible materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**EXPOSURE GUIDELINES**

Review Section 3 & 4 for Exposure guidelines.
NIOSH IDLH: Immediately Dangerous to Life or Health.

ENGINEERING CONTROLS Ensure that eyewash stations and safety showers or an equivalent method of decontamination are close to the work location. Ensure adequate ventilation, especially in confined areas.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION Splash-proof chemical goggles or face shield.

SKIN/BODY PROTECTION Impervious rubber gloves and apron.

RESPIRATORY PROTECTION If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

GENERAL HYGIENE Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid White Granules
APPERANCE	Opaque Powder
COLOR	White
ODOR	Odorless
ODOR THRESHOLD	No information available

PROPERTY	VALUES	REMARKS METHODS
pH	11.5 ± 0.5	
MELTING POINT/FREEZING POINT	No information available	
BOILING POINT/BOILING RANGE	N/A	Not applicable
FLASH POINT	No information available	
EVAPORATION RATE	N/A	Not applicable
FLAMMABILITY (SOLID, GAS)	No information available	
UPPER FLAMMABILITY LIMITS IN AIR	No information available	
LOWER FLAMMABILITY LIMITS IN AIR	No information available	
VAPOR PRESSURE	No information available	
SPECIFIC GRAVITY	N/A	
WATER SOLUBILITY	Completely soluble	
SOLUBILITY IN OTHER SOLVENTS	No information available	
PARTITION COEFFICIENT: n-octanol/water	No information available	
AUTOIGNITION TEMPERATURE	No information available	
DECOMPOSITION TEMPERATURE	No information available	
VISCOSITY, KINEMATIC	No information available	
VISCOSITY, DYNAMIC	No information available	
EXPLOSIVE PROPERTIES	Not explosive	
OXIDIZING PROPERTIES	Oxidizer. Contact with other material may cause fire	

OTHER INFORMATION

SOFTENING POINT	N/A
MOLECULAR WEIGHT	N/A
VOC CONTENT (%)	Negligible
DENSITY VALUE	N/A
BULK DENISTY VALUE	N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under recommended storage conditions. Some decomposition when heated.
POSSIBILITY OF HAZARDOUS REACTIONS CONDITIONS TO AVOID	None under normal processing. Keep out of reach of children
INCOMPATIBLE MATERIALS	Strong acids. Strong reducing agents. Combustible materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxygen, which increases the risk of fire. Carbon dioxide if in contact with acid.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

PRODUCT INFORMATION	Causes serious eye irritation. Mild skin irritation.
EYE CONTACT	Severely irritating to eyes.
SKIN CONTACT	Irritating to skin.
INHALATION	Inhalation of dust in high concentration may cause irritation of respiratory system.
INGESTION	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Sodium carbonate 497-19-8	= 4090 mg/kg (Rat)	-	= 2300 mg/m3 (Rat) 2 h
Sodium percarbonate 15630-89-4	= 1034 mg/kg (Rat)	-	-

Information on Toxicological Effects

SYMPTOMS No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

SENSITIZATION	No information available.
MUTAGENIC EFFECTS	No information available.
CARCINOGENICITY	There are no known carcinogenic chemicals in this product.
REPRODUCTIVE TOXICITY	No information available.
STOT – SINGLE EXPOSURE	No information available.
STOT – REPEATED EXPOSURE	No information available.
CHRONIC TOXICITY	No known effect. This product contains no substances suspected of causing genetic defects, birth defects, developmental toxicity, or reproductive toxicity.
ASPIRATION HAZARD	No information available.

Numerical measures of toxicity – Product Information

The following vales are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	2179 mg/kg
ATEmix (inhalation-dust/mist)	1.7 mg/l

12. ECOLOGICAL INFORMATION

1% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	CRUSTACEA
Sodium carbonate 497-19-8	242: 120 h Nitzschia mg/L EC50	310 - 1220: 96 h Pimephales	265: 48 h Daphnia magna mg/L EC50

Sodium percarbonate
15630-89-4

70: 240 h Chlorella
emersonii mg/L EC50

promelas mg/L LC50
static 300: 96 h Lepomis
macrochirus mg/L LC50
static
70.7: 96 h Pimephales
promelas mg/L LC50
static

PERSISTENCE AND DEGRADABILITY Not information available.
BIOACCUMULATION No information available.
OTHER ADVERSE EFFECTS No Information available.

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

Sodium carbonate Corrosive
497-19-8

14. TRANSPORT INFORMATION

DOT Not regulated

PROPER SHIPPING NAME Cleaning Compound, Not Regulated.

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS -
ENCS Complies
TSCA Complies
DSL/NDSL Complies
IECSC Complies
KECL Complies
PICCS Complies
AICS Complies

LEGEND

TSCA	All components of this product are listed or are exempt or excluded from listing on the 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 Commercial Chemical Substances/EU List of 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.
AICS	Australian Inventory of Chemical Substances.

U.S. FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 313/312 HAZARD CATEGORIES

ACUTE HEALTH HAZARD	Yes
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
SUDDEN RELEASE OF PRESSURE HAZARD	No
REACTIVE HAZARD	Yes

CLEAN WATER ACT

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. STATE REGULATIONS

U.S. STATE RIGHT-TO-KNOW REGULATIONS

CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 chemicals.

U.S. STATE RIGHT-TO-KNOW REGULATIONS

U.S. EPA LABEL INFORMATION

EPA PESTICIDE REGISTRATION NUMBER Not Applicable.

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	PHYSICAL AND CHEMICAL HAZARDS
	2	0	1	OX
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	2	0	1	X

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