

# SDS

## Section 1. Identification of the substance/mixture and of the company/undertaking

**GHS product identifier** : HD-83 Plate Wash SDS Revision Date 4/20/17  
**Product code** : HD-83 Plate Wash  
**Other means of identification** : Not available.  
**Product type** : Substance  
**Material uses** : Flexographic ink cleaner

**Supplier's details** :

Pamarco  
500 Wharton Circle SW  
Atlanta, GA. 30336  
PHONE: (404) 691-1700

**Emergency telephone**

: Same as office number

## Section 2. Hazards Identification

### Classification of the substance or mixture:

GHS Classification

Hazard classes/categories	Hazard Statements
Eye irritant Category 2	H319: Causes serious eye irritation

### 2.1.2 Classification according to Directive 67/548/EEC-1999/45/EC

R36 – Irritating to eyes

### 2.2. Label elements

Hazard pictogram(s) :



Signal word(s):

Warning

Hazard statement(s):

H319: Causes serious eye irritation

Precautionary statement(s):

P281: Use personal protective equipment as required  
P264: Wash hands thoroughly after handling  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313: If eye irritation persists: Get medical advice/attention  
Not applicable

### 2.3. Other hazards:

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Ingredient(s)	%WW	Cas#
Sodium Sesqui Carbonate	1-10	553-96-0
Sodium Carbonate	50-70	497-19-8, 207-838-8
Alcohols, c9-11, ethoxylated	1-10	68439-46-3
Sodium Metasilicate	1-10	6334-92-0
2-butoxyethanol	1-5	111-76-2

\*Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

**After eye contact:** Immediately flush eyes with water. If irritation persists, get medical attention.

**After skin contact:** Rinse with running water and soap. Do not apply neutralizing agents. If irritation occurs, see physician.

**After inhalation:** Remove person to fresh air. Respiratory problems: seek medical advice.

**After ingestion:** Do not induce vomiting unless directed to do so by medical personnel. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Inhalation:** Dry/sorethroat.

Coughing Slight irritation.

**Eyes:** Irritation of eye tissue.

Lacrimation.

**Ingestion:** Irritation of gastric mucosa. Nausea.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Obtain immediate medical attention.

### 5. FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing Media

**Suitable extinguishing media:** Not applicable. Adapt extinguishing media to the environment.

**Unsuitable extinguishing media:** None known.

#### 5.2. Special hazards arising from the substance or mixture:

Upon combustion, CO and CO<sub>2</sub> are formed. Reacts on exposure to water with some metals

#### 5.3. Advice for firefighters

No particular measures required.

### Section 6. Accidental Release Measures

**Spill Clean up** Put on appropriate personal protective equipment. Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose according to local and regional authority requirements.

## Section 7. Handling and Storage

**Handling** Do not get in eyes or on skin or clothing. Do not ingest. Use with adequate ventilation. Empty containers Wash thoroughly after handling. Observe label precautions.

**Storage** Store in a dry place. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from unknown materials and food and drink. Keep container tightly closed and sealed until ready for use. Keep out of the reach of children.

## Section 8. Exposure Controls/Personal Protection

Product has not been tested as a whole.

### Personal Protective Equipment (PPE)

**Eyes** Safety glasses. In case of dust production: goggles  
**Body** Wear appropriate protective clothing when necessary  
**Respiratory** None

## Section 9. Physical and Chemical Properties

<b>Physical</b>	Solid. [Powder.]	<b>Color</b>	Blue / Purple
<b>Boiling Point</b>	Not applicable.	<b>Odor</b>	Characteristic solvent
<b>Specific Gravity</b>	Not applicable.	<b>Vapor Pressure</b>	NA
<b>Solubility</b>	Soluble in the following materials: cold water and hot water.	<b>Vapor Density</b>	NA
		<b>Evaporation Rate</b>	NA.
		<b>pH</b>	11 +/- 0.5
		<b>VOC (Consumer)</b>	Not Applicable

## Section 10. Stability and Reactivity

**Stability and Reactivity;** Hygroscopic

**Hazardous Reactions;** Reacts on exposure to water with some metals. Reacts with strong oxidizers.

**Incompatibility** Strong acids

Slightly reactive or incompatible with the following materials: acids.

**Hazardous Polymerization** Will not occur.

**Hazardous Decomposition Products** carbon oxides (CO, CO<sub>2</sub>) upon combustion. Violent exothermic reaction with some acids; release of harmful gases/vapors.

## Section 11. Toxicological Information

Acute Toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Carbonate	Acute: 2800 mg/kg [Rat].	>2000 mg/kg Rabbit	2.30 mg/l Rat
Sodium sesqui carbonate SesquiCarbonate	>2000 mg/kg Rat	No data	>5.03 mg/lRat
Alcohols, C9-11 ethoxylated	1400 mg/kg Rat	>5000 mg/kg Rat	No data
Sodium Metasilicate	1152-1349 mg/kg Rat	>5000 mg/kg Rat	>2.06 g/m <sup>3</sup> Rat
2-butoxyethanol	530 mg/kg Rat	435 mg/kg Rat	2.17 mg/l Rat

Carcinogenicity            This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA.  
Reproductive toxicity    No data available  
Germ Cell mutagenicity   No data available  
Specific target organ systematic   No data available

Section 12. Ecological Information

Environmental Effects    Not available.  
Aquatic Ecotoxicity; Product has not been tested as a whole  
Ecotoxicity: Not available for all materials.

13. Disposal Considerations

**Waste must be disposed of in accordance with federal, state and local environmental control regulations.  
Consult your local or regional authorities for additional information.**

Waste Stream    Code: - (None.)  
Classification: - (Non-hazardous)

Section 14. Transport Information

DOT Classification        Not hazardous  
TOG                        Not hazardous  
IATA                        Not hazardous  
IMDG                       Not hazardous

## Section 15. Regulatory Information

### U.S. Federal Regulations

SARA 311-312 Hazard Classification

Alcohols, c9-11, ethoxylated - Acute Health Hazard

2-butoxyethanol – Immediate (acute) health hazard

-Delayed (Chronic) health hazard

-Fire hazard

SARA 313

Glycol ether category

**Clean Water Act (CWA) 307:** No products were found.

**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

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California Prop 65 No products were found.

## Section 16. Other Information

SDS date : 4/20/17

Revision Date: New

Other information : None.

HMIS III Rating Health : 1 Flammability : 0 Minimal Hazard Physical : 0 Minimal Hazard Personal Protection : B

SDS US (GHS HazCom 2012)

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.

**END OF SDS**

