

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Mixture  
Product name : **Smoke House Cleaner**  
Product code : 0706

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Smoke House Cleaner

**1.3. Details of the supplier of the safety data sheet**

Flo-Kem  
19402 Susana Rd.  
Rancho Dominguez, CA 90221 - USA  
T 310-632-7124 - F 310-631-7496  
<http://www.flo-kem.com>

**1.4. Emergency telephone number**

Emergency number : CHEMTEL: 800-255-3924

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (GHS-US)**

Met. Corr. 1 H290  
Skin Corr. 1B H314  
Eye Dam. 1 H318  
Skin Sens. 1 H317  
STOT SE 3 H335

Full text of H-phrases: see section 16

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms :



Signal word :

Danger

Hazard statements :

May be corrosive to metals.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause respiratory irritation.

Precautionary statements :

Keep only in original container.  
Do not breathe dust.  
Wash hands and forearms thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear eye protection, face protection, protective clothing, protective gloves.  
If swallowed: rinse mouth. Do NOT induce vomiting.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Wash with plenty of soap and water.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
If in eyes: 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.  
Call a POISON CENTER/doctor/physician if you feel unwell.  
If skin irritation or rash occurs: Get medical advice/attention.

# Smoke House Cleaner

## Safety Data Sheet

Take off contaminated clothing and wash before reuse.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Store in corrosive resistant container or with a resistant inner liner.  
Dispose of contents/container in accordance with Local, State, and Federal regulations.

### 2.3. Hazard not otherwise classified (HNOC)

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of H-phrases: see section 16

### 3.2. Mixture

| Name                                | Product identifier  | %       | Classification (GHS-US)  |
|-------------------------------------|---------------------|---------|--|
| sodium hydroxide                    | (CAS No) 1310-73-2  | 50 - 60 | Met. Corr. 1, H290<br>Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1B, H314             |
| disodium metasilicate, pentahydrate | (CAS No) 10213-79-3 | 20 - 25 | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>STOT SE 3, H335                  |
| sodium carbonate                    | (CAS No) 497-19-8   | 10 - 15 | Eye Irrit. 2A, H319  |
| sodium salt of tall-oil             | (CAS No) 65997-01-5 | 1 - 10  | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317<br>STOT SE 3, H335 |
| alcohols, C9-11, ethoxylated        | (CAS No) 68439-46-3 | 1 - 5   | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318                 |
| rosin and resin acids, sodium salt  | (CAS No) 61790-51-0 | < 5     | Eye Irrit. 2A, H319  |

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## SECTION 4: First aid measures

### 4.1. Description of 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 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 | : Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages. 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.  |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  |

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

|                                      |  |
|--------------------------------------|--|
| Symptoms/injuries                    | : Causes severe skin burns and eye damage.   |
| Symptoms/injuries after inhalation   | : Corrosion of the upper respiratory tract. WHEN PROCESSED: Dry/sore throat. Coughing. ON CONTINUOUS EXPOSURE/CONTACT: Respiratory difficulties. |
| Symptoms/injuries after skin contact | : Blisters. Causes burns/corrosion of the skin.  |
| Symptoms/injuries after eye contact  | : Causes serious eye damage.   |
| Symptoms/injuries after ingestion    | : Burns to the gastric/intestinal mucosa. Dry/sore throat. Abdominal pain. Difficulty in swallowing.   |

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

No additional information available

# Smoke House Cleaner

## Safety Data Sheet

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Extinguishing media for surrounding fires. Adapt extinguishing media to the environment.  
Unsuitable extinguishing media : Water. Halogenated extinguishing agents.

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

Fire hazard : DIRECT FIRE HAZARD: Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard: see "Reactivity Hazard".  
Explosion hazard : INDIRECT EXPLOSION HAZARD: Reactions with explosion hazards: see "Reactivity Hazard".  
Reactivity : Absorbs the atmospheric CO<sub>2</sub>. Reacts violently with (some) acids: release of heat. Reacts with (strong) oxidizers. Reacts with (some) metals and their compounds: release of highly flammable gases/vapors (hydrogen). Reacts with (some) halogen compounds. Reacts exothermically with water (moisture).

#### 5.3. Advice for firefighters

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.  
Other information : No additional information available.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Isolate from fire, if possible, without unnecessary risk.

##### 6.1.1. For non-emergency personnel

Protective equipment : Protective gloves.  
Protective clothing.  
Protective goggles.  
Respiratory protection.  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

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

#### 6.3. Methods and material for containment and cleaning up

For containment : Dam up the solid spill. If reacting: dilute toxic gas/vapor with water spray.  
Methods for cleaning up : Collect the spill only if it is in a dry state. Wetted substance: cover with powdered limestone or dry sand, earth, vermiculite. Minimize generation of dust. Scoop solid spill into closing containers. Carefully collect the spill/leftovers. Store away from other materials. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : May be corrosive to metals.  
Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Avoid dust formation. Do not breathe dust. Contact with water may generate significant amount of heat. Ensure good ventilation of the work station. Handle and open the container with care. Observe normal hygiene standards. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and forearms thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide local exhaust or general room ventilation. Comply with applicable regulations.  
Incompatible products : Acids. Oxidizing agent. Halogens.  
Storage area : Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.  
Packaging materials : Store in a corrosive resistant container or with a resistant inner liner.

# Smoke House Cleaner

## Safety Data Sheet

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| sodium hydroxide (1310-73-2) |                                     |                     |
|------------------------------|-------------------------------------|---------------------|
| ACGIH                        | ACGIH Ceiling (mg/m <sup>3</sup> )  | 2 mg/m <sup>3</sup> |
| OSHA                         | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup> |

#### 8.2. Exposure controls

|                                  |  |
|----------------------------------|--|
| Personal protective equipment    | : Avoid all unnecessary exposure.  |
| Hand protection                  | : Wear protective gloves.  |
| Eye protection                   | : Chemical goggles or face shield.   |
| Skin and body protection         | : Wear suitable protective clothing.   |
| Respiratory protection           | : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Other information                | : When using, do not eat, drink or smoke.  |
| Appropriate engineering controls | : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.   |

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |                     |
|---|---------------------|
| Physical state                              | : Solid             |
| Color                                       | : White             |
| Odor  | : Odorless          |
| Odor threshold                              | : No data available |
| pH  | : No data available |
| pH (1%) solution                            | : 12.5 - 13.5       |
| Melting point                               | : No data available |
| Freezing point                              | : No data available |
| Boiling point                               | : No data available |
| Flash point                                 | : No data available |
| Relative evaporation rate (butyl acetate=1) | : 0                 |
| Flammability (solid, gas)                   | : No data available |
| Explosive limits                            | : No data available |
| Vapor pressure                              | : No data available |
| Vapor density                               | : No data available |
| Specific Gravity @ 77° F                    | : No data available |
| Solubility                                  | : Soluble in water. |
| Partition Coefficient n-Octanol-Water       | : No data available |
| Auto-ignition temperature                   | : No data available |
| Decomposition temperature                   | : No data available |
| Viscosity                                   | : No data available |

#### 9.2. Other information

|             |         |
|-------------|---------|
| VOC content | : 0 g/l |
|-------------|---------|

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Absorbs the atmospheric CO<sub>2</sub>. Reacts violently with (some) acids: release of heat. Reacts with (strong) oxidizers. Reacts with (some) metals and their compounds: release of highly flammable gases/vapors (hydrogen). Reacts with (some) halogen compounds. Reacts exothermically with water (moisture).

#### 10.2. Chemical stability

Stable under recommended conditions. Rapidly absorbs carbon dioxide & water from the air.

# Smoke House Cleaner

## Safety Data Sheet

### 10.3. Possibility of hazardous reactions

Reacts vigorously with strong oxidizers and acids. Contact with halogenated compounds may liberate toxic gas.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

### 10.5. Incompatible materials

Oxidizers. Acids, halogenated compounds, long contact with aluminum, brass, bronze, copper, lead, tin and alloy. water.

### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Phosphorus oxides. Thermal decomposition generates : Corrosive vapors.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| <b>sodium carbonate (497-19-8)</b>                      |   |
|---|---|
| LD50 oral rat   | 2800 mg/kg (Rat; Experimental value)      |
| LD50 dermal rabbit                                      | > 2000 mg/kg (Rabbit; Experimental value) |
| ATE US (oral)   | 2800.000 mg/kg body weight                |
| <b>disodium metasilicate, pentahydrate (10213-79-3)</b> |   |
| LD50 oral rat   | 847 mg/kg                                 |
| ATE US (oral)   | 847.000 mg/kg body weight                 |
| <b>sodium hydroxide (1310-73-2)</b>                     |   |
| LD50 dermal rabbit                                      | 1350 mg/kg (Rabbit; Literature)           |
| ATE US (dermal)   | 1350.000 mg/kg body weight                |
| <b>alcohols, C9-11, ethoxylated (68439-46-3)</b>        |   |
| LD50 oral rat   | 1378 mg/kg (Rat)                          |
| LD50 dermal rabbit                                      | > 2000 mg/kg (Rabbit)                     |
| ATE US (oral)   | 1378.000 mg/kg body weight                |
| <b>sodium salt of tall-oil (65997-01-5)</b>             |   |
| LD50 oral rat   | 5000 mg/kg                                |
| ATE US (oral)   | 5000.000 mg/kg body weight                |
| <b>rosin and resin acids, sodium salt (61790-51-0)</b>  |   |
| LD50 oral rat   | > 2000 mg/kg                              |
| LD50 dermal rabbit                                      | > 2000 mg/kg                              |

Skin corrosion/irritation : Causes severe skin burns and eye damage.

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause respiratory irritation.

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/injuries after inhalation : Corrosion of the upper respiratory tract. WHEN PROCESSED: Dry/sore throat. Coughing. ON CONTINUOUS EXPOSURE/CONTACT: Respiratory difficulties.

Symptoms/injuries after skin contact : Blisters. Causes burns/corrosion of the skin.

Symptoms/injuries after eye contact : Causes serious eye damage.

Symptoms/injuries after ingestion : Burns to the gastric/intestinal mucosa. Dry/sore throat. Abdominal pain. Difficulty in swallowing.

# Smoke House Cleaner

## Safety Data Sheet

### SECTION 12: Ecological information

#### 12.1. Toxicity

| <b>sodium carbonate (497-19-8)</b>                      |   |
|---|---|
| LC50 fish 1   | 300 mg/l (96 h; Lepomis macrochirus)                                    |
| EC50 Daphnia 1  | < 424 mg/l (48 h; Daphnia magna)  |
| EC50 other aquatic organisms 1                          | 14 mg/l (168 h; Plankton)   |
| LC50 fish 2   | 740 mg/l (96 h; Gambusia affinis)                                       |
| EC50 Daphnia 2  | 265 mg/l (48 h; Daphnia magna)  |
| TLM fish 1  | 300 ppm (96 h; Lepomis macrochirus)                                     |
| TLM other aquatic organisms 1                           | 500 ppm (96 h; Daphnia magna)   |
| Threshold limit algae 1                                 | 242 mg/l (5 days; Algae)  |
| <b>disodium metasilicate, pentahydrate (10213-79-3)</b> |   |
| LC50 fish 1   | 210 mg/l (96 h; Brachydanio rerio; Anhydrous form)                      |
| EC50 Daphnia 1  | 216 mg/l (96 h; Daphnia magna; Anhydrous form)                          |
| LC50 fish 2   | 2320 mg/l (96 h; Gambusia affinis; Anhydrous form)                      |
| EC50 Daphnia 2  | 632 mg/l (96 h; Lymnaea sp.; Anhydrous form)                            |
| <b>sodium hydroxide (1310-73-2)</b>                     |   |
| LC50 fish 1   | 45.4 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Solution >=50%) |
| EC50 Daphnia 1  | 40.4 mg/l (48 h; Ceriodaphnia sp.; Nominal concentration)               |
| LC50 fish 2   | 189 mg/l (48 h; Leuciscus idus)   |
| TLM fish 1  | 99 mg/l (48 h; Lepomis macrochirus)                                     |
| TLM fish 2  | 125 ppm (96 h; Gambusia affinis)  |
| <b>alcohols, C9-11, ethoxylated (68439-46-3)</b>        |   |
| LC50 fish 1   | 5.7 mg/l (Rainbow trout)  |
| EC50 Daphnia 1  | 2.5 mg/l  |
| <b>sodium salt of tall-oil (65997-01-5)</b>             |   |
| LC50 fish 1   | 20 mg/l (Zebra Fish, 96 h)  |
| EC50 Daphnia 1  | < 560 mg/l  |
| <b>rosin and resin acids, sodium salt (61790-51-0)</b>  |   |
| LC50 fish 1   | 5.4 mg/l (Zebra Fish, 96 h)   |
| EC50 Daphnia 1  | 75.6 mg/l   |

#### 12.2. Persistence and degradability

| <b>sodium carbonate (497-19-8)</b>                      |  |
|---|--|
| Persistence and degradability                           | Biodegradability: not applicable. Low potential for adsorption in soil.                  |
| ThOD  | Not applicable (inorganic)   |
| <b>disodium metasilicate, pentahydrate (10213-79-3)</b> |  |
| Persistence and degradability                           | Biodegradability: not applicable.  |
| Biochemical oxygen demand (BOD)                         | Not applicable   |
| Chemical oxygen demand (COD)                            | Not applicable   |
| ThOD  | Not applicable   |
| BOD (% of ThOD)   | Not applicable   |
| <b>sodium hydroxide (1310-73-2)</b>                     |  |
| Persistence and degradability                           | Biodegradability: not applicable. No (test) data on mobility of the substance available. |
| Biochemical oxygen demand (BOD)                         | Not applicable   |
| Chemical oxygen demand (COD)                            | Not applicable   |
| ThOD  | Not applicable   |
| BOD (% of ThOD)   | Not applicable   |
| <b>alcohols, C9-11, ethoxylated (68439-46-3)</b>        |  |
| Persistence and degradability                           | Readily biodegradable in water.  |

#### 12.3. Bioaccumulative potential

# Smoke House Cleaner

## Safety Data Sheet

|   |  |
|---|--|
| <b>sodium carbonate (497-19-8)</b>                      |  |
| Log Pow   | -6.19 (Estimated value)                          |
| Bioaccumulative potential                               | Low potential for bioaccumulation (Log Kow < 4). |
| <b>disodium metasilicate, pentahydrate (10213-79-3)</b> |  |
| Bioaccumulative potential                               | No bioaccumulation data available.               |
| <b>sodium hydroxide (1310-73-2)</b>                     |  |
| Bioaccumulative potential                               | Bioaccumulation: not applicable.                 |
| <b>alcohols, C9-11, ethoxylated (68439-46-3)</b>        |  |
| Bioaccumulative potential                               | No bioaccumulation data available.               |

### 12.4. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with Local, State, and Federal regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### 14.1. UN Number

UN-No.(DOT) : 3262  
Other information : Under 49 CFR 173.154(c) and (b)(1): This product may be shipped as ORM-D or Limited Quantity if the inner packagings do not exceed 1 L (0.3 gallons) or 1.0 kg (2.2 lbs). This provision does not apply to transportation by vessel or aircraft, except where other means of transportation is impracticable.

### 14.2. UN proper shipping name

DOT Proper Shipping Name : UN3262, Corrosive Solid, Basic, Inorganic, N.O.S. (Sodium Hydroxide, Sodium Metasilicate), 8, PGII  
Hazard labels (DOT) : 8 - Corrosive



## SECTION 15: Regulatory information

### 15.1. US Federal regulations

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

|   |                                 |
|---|---------------------------------|
| <b>sodium carbonate (497-19-8)</b>  |                                 |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                 |                                 |
| SARA Section 311/312 Hazard Classes   | Immediate (acute) health hazard |
| <b>disodium metasilicate, pentahydrate (10213-79-3)</b>                                   |                                 |
| SARA Section 311/312 Hazard Classes   | Immediate (acute) health hazard |
| <b>sodium hydroxide (1310-73-2)</b>   |                                 |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                 |                                 |
| RQ (Reportable quantity, section 101(14) of CERCLA as published on EPA's List of Lists) : | 1000 lb                         |
| SARA Section 311/312 Hazard Classes   | Immediate (acute) health hazard |
| <b>alcohols, C9-11, ethoxylated (68439-46-3)</b>  |                                 |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                 |                                 |
| SARA Section 311/312 Hazard Classes   | Immediate (acute) health hazard |

# Smoke House Cleaner

## Safety Data Sheet

### sodium salt of tall-oil (65997-01-5)

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

SARA Section 311/312 Hazard Classes Immediate (acute) health hazard

### rosin and resin acids, sodium salt (61790-51-0)

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

SARA Section 311/312 Hazard Classes Immediate (acute) health hazard

## 15.2. International regulations

### CANADA

#### EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations

### disodium metasilicate, pentahydrate (10213-79-3)

Disodium metasilicate, pentahydrate the anhydrous form of this material is listed on the EPA TSCA inventory under the CAS no. 6834-92-0.

## 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

## SECTION 16: Other information

Abbreviations Legend:

|                       |   |
|-----------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4                          |
| Acute Tox. 4 (Oral)   | Acute toxicity (oral) Category 4                            |
| Eye Dam. 1            | Serious eye damage/eye irritation Category 1                |
| Eye Irrit. 2A         | Serious eye damage/eye irritation Category 2A               |
| Met. Corr. 1          | Corrosive to metals Category 1                              |
| Skin Corr. 1B         | Skin corrosion/irritation Category 1B                       |
| Skin Irrit. 2         | Skin corrosion/irritation Category 2                        |
| Skin Sens. 1          | Skin sensitization Category 1                               |
| Skin Sens. 1B         | Skin sensitization Category 1B                              |
| STOT SE 3             | Specific target organ toxicity (single exposure) Category 3 |
| H290                  | May be corrosive to metals                                  |
| H302                  | Harmful if swallowed  |
| H312                  | Harmful in contact with skin                                |
| H314                  | Causes severe skin burns and eye damage                     |
| H315                  | Causes skin irritation                                      |
| H317                  | May cause an allergic skin reaction                         |
| H318                  | Causes serious eye damage                                   |
| H319                  | Causes serious eye irritation                               |
| H335                  | May cause respiratory irritation                            |

#### Disclaimer

*This document is generated for the purpose of distributing health, safety, and environmental data. The information and recommendations are presented in good faith and believed to be from reliable sources, however, the information is provided without any warranty, expressed or implied, regarding its completeness or accuracy. Some information is from sources other than direct test data on the material itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and for this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of the product.*

ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (310) 632-7124

Revision date: 04/23/2015

Supersedes: 12/26/2012

Version: 1.0