# Section -1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

## 1.1. Product Identifier:

- **CS-1900 Part A Fire Retardent**
- **Product Name:** Fire Retardent / Base compound Part-A
- **Product reference:** CS-1900 Part A Base

## 1.2. Product Use:

- Flame Retardent

## 1.3. Manufacturer’s Name:

- **CAGE Code:** 14439
- **Flamemaster Corp.**
- **Chem Seal Division**
- **13576 Desmond Street**
- **Pacoima, CA 91333 – USA**

## 1.3.1 Suppliers Name (if not manufacturer):

**Technical Contact:**

- **Flamemaster Corp.**
- **Tel:** 818-890-1401
- **Fax:** 818-890-6001
- [www.flamemaster.com](http://www.flamemaster.com)

## 1.4. Emergency Telephone:

- **Chemtrec – Chemtrec International**
  - **800-424-9300 (North America)**
  - **703-527-3887 (Outside North America)**

### Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>MIL-S-38249</th>
<th>Base PART A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NSN:</strong></td>
<td>8030-00-783-8886</td>
<td>8030-00-783-8898</td>
</tr>
<tr>
<td>6 oz cartridge(3.5 oz)</td>
<td>8030-00-723-5345</td>
<td>8030-01-033-3485</td>
</tr>
<tr>
<td>1/2 pint kit (6oz)</td>
<td>gallon kit (96oz)</td>
<td>2 1/2 oz cart. (2oz)</td>
</tr>
</tbody>
</table>

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Section -2. HAZARD (S) IDENTIFICATION

OSHA/HCS STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

CLASSIFICATION OF THE MIXTURE:

FLAMMABLE LIQUIDS - Category 2
ASPIRATION HAZARD - (CATEGORY 1)
ACUTE TOXICITY (INHALATION) - CATEGORY 4
SKIN SENSITIZATION - Category 1
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
CARCINOGENICITY - Category 2
TOXIC TO REPRODUCTION (UNBORN CHILD) - Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (RESPIRATORY TRACT IRRITATION) - Category 3

GHS LABEL REQUIREMENTS

HAZARD PICTOGRAMS

SIGNAL WORD : DANGER

HAZARD STATEMENTS:

HIGHLY FLAMMABLE LIQUID AND VAPOR - (H225)
MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS - (H304)
HARMFUL IF INHALED - (H332)
CAUSES SERIOUS EYE IRRITATION - (H319)
MAY CAUSE AN ALLERGIC SKIN REACTION - (H317)
SUSPECTED OF DAMAGING THE UNBORN CHILD - (H361d)
SUSPECTED OF CAUSING CANCER - (H351)
MAY CAUSE RESPIRATORY IRRITATION - (H335)

PRECAUTIONARY STATEMENTS:

- P101+P102+P103: If medical advice is needed, have product container or label at hand. Keep out of reach of children.
- Read label before use
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames and hot surfaces-No Smoking
- P240:Ground/bond container and receiving equipment
- P261+P262+P263+P264:Avoid breathing dust/fumes/gas/mist/vapours/spray. Do not get in eyes , on skin, or on clothing. Avoid contact during pregnancy/while nursing. Wash thoroughly after handling.
- P270+P271+P273: Do not eat drink or smoke when using this product. Use only outdoors or in a well ventilated area. Avoid release to the environment.
- P281+P280: Use personal protective equipment as required. Wear protective gloves/ protective clothing/ eye protection/face protection
- P301+P310+P331: If swallowed: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.
- P305+P351+P338+P315: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice attention.
- P304+P340+P314: If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell
- P342+P340+P315: If experiencing respiratory symptoms: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.
- P302+P352: If on skin (or in hair): Wash with plenty of soap and water. If skin irritation occurs seek medical attention
- P306+P361: If on clothing: Remove/ take off immediately all contaminated clothing
- P402+P403+P404: Store in a dry place. Store in a well ventilated space. Store in a closed container.
- P233+P234+P235: Keep container tightly closed. Keep only in original container. Keep cool.

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SUPPLEMENTAL LABEL ELEMENTS:

Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of concentrations above recommended limits causes headaches, drowsiness and nausea and could lead to unconsciousness or possibly death.
Avoid any contact with skin or clothing and wash thoroughly after handling.
Emits toxic fumes when heated.
Sanding and grinding dust may be harmful if inhaled.

HAZARDS NOT OTHERWISE CLASSIFIED:
Prolonged or repeated exposure may dry skin and / or cause skin irritation.

Section -3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical family : Mixture of organic compounds
For the hazards of the composition, (SDS see Section 2).

2 BUTANONE
OSHA HAZARDS: FLAMMABLE LIQUID,TARGET ORGAN EFFECT,IRRITANT
TARGET ORGANS: CENTRAL NERVOUS SYSTEM
GHS CLASSIFICATION: 2-BUTANONE
FLAMMABLE LIQUIDS (CATEGORY 2)
ACUTE TOXICITY,ORAL (CATEGORY 5)
ACUTE TOXICITY,INHALATION (CATEGORY 5)
EYE IRRITATION (CATEGORY 2A)
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE (CATEGORY 3) CENTRAL NERVOUS SYSTEM.

4-METHYL-2-PENTANONE
OSHA HAZARDS: FLAMMABLE LIQUID,CARCINOGEN, TARGET ORGAN EFFECT,IRRITANT
TARGET ORGANS: NERVES
OTHER HAZARDS THAT DO NOT RESULT IN CLASSIFICATION: MAY FORM EXPLOSIVE PEROXIDES
GHS CLASSIFICATION: 4-METHYL-2-PENTANONE
FLAMMABLE LIQUIDS: (CATEGORY2)
ACUTE TOXICITY,ORAL (CATEGORY 5)
ACUTE TOXICITY,INHALATION (CATEGORY 4)
SKIN IRRITATION (CATEGORY3)
EYE IRRITATION (CATEGORY2A)
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE (CATEGORY 3) CENTRAL NERVOUS SYSTEM.

PHENOLIC POLYMER (EPON RESIN)
FLAMMABLE LIQUID - CATEGORY 2
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
SKIN SENSITIZATION - CATEGORY 1
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE - (NARCOTIC EFFECTS) - CATEGORY 3

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Section -4. FIRST-AID MEASURES

General: When in doubt or symptoms persist, seek medical attention. Have Safety Data Sheet information available. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air, if breathing has stopped, administer artificial respiration. Give nothing by mouth, seek immediate medical attention.

Eye contact: Check for and remove any contact lenses. Irrigate with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek immediate medical attention.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleaners. Do NOT use aromatic solvents, thinners or petroleum products.

Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. May be fatal if swallowed or vomited and enters lungs and/or airways. Never give anything by mouth to an unconscious person.

Section -5. FIRE-FIGHTING MEASURES

Extinguishing agents

Recommended: Universal resistant foam, CO2, water, powder.

Agents to avoid: None known

Attention

Promptly remove all persons in the event of a fire from the fire area. If safe to do so, remove all containers from fire area as well.

Fire will produce dense black smoke. Exposure to decomposition products may cause a Health Hazard. Fire fighters should wear self-contained breathing apparatus.

Water mist may be used to cool closed containers to prevent pressure build-up and possible auto-ignition and explosion when exposed to extreme heat.

Do not weld, flame cut or expose to extreme heat or ignition sources, empty containers which have contained flammable products.

Do not allow run-off from fire fighting to enter drains or water courses.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Emits toxic fumes when heated.

HAZARDOUS DECOMPOSITION PRODUCTS INCLUDE: CARBON DIOXIDE, CARBON MONOXIDE, HALOGENATED COMPOUNDS, AND METAL OXIDE / OXIDES, SMOKE, CARBON OXIDES, OTHER TOXIC FUMES

In case of inhalation of decomposition products released in a fire, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.

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**Section -6. ACCIDENTAL RELEASE MEASURES**

Eliminate sources of ignition, ventilate the area. Avoid breathing vapors by using appropriate respiratory protective equipment. Refer to protective measures listed in sections 7 & 8.

Collect spill with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with local regulations (see section 13). Do not allow to enter drains or watercourses.

Clean-up with a detergent/ water mix; avoid use of aromatic solvents. If the product enters drains or watercourses, inform authority with jurisdiction in accordance with state / local regulations.

**Section -7. HANDLING AND STORAGE**

7.1 Handling:

No smoking, eating and drinking during handling. Avoid exposure during pregnancy. Keep containers tightly closed. Prior to movement containers which are opened should be carefully resealed. Avoid skin and eye contact. Avoid inhalation in case of exposure to vapor and spray mist.

Handle and open containers with care to avoid spilling of contents. Never use pressure to empty; container is not a pressure vessel. Clean or discard contaminated clothing and shoes.

Preparation may charge electrostatically; always use grounding/ bonding/ earthing leads when transferring contents of containers. Operators should wear antistatic footwear and clothing, and floors should be electrically conductive.

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air, and avoid vapor concentration higher than the Occupational Exposure Limits.

Use in areas from which local sources of ignition have been excluded. Electrical equipment including lighting should be protected to the appropriate standard. Isolate from sources of heat, sparks and open flame. Non-sparking tools are recommended.

7.2 Storage:

Observe label precautions. Store between 32/F and 95/F ( 0/C and 35/C ) in a dry, clean and well ventilated place, away from sources of heat, ignition, and direct sunlight. For flash points below 23 °C store in an area constructed to the appropriate standard.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

8.1 Engineering measures:

Avoid the inhalation of vapors, spray mist and particulates. Achieve by local exhaust ventilation providing good general extraction as to keep air-borne concentration below the Occupational Exposure Limits (OEL).

If local / area ventilation is not sufficient to comply with OEL, suitable (NIOSH) respiratory protection to be provided. Always provide suitable (NIOSH) respiratory protection when sanding, grinding or otherwise abrading cured material.

8.2 Exposure limits

<table>
<thead>
<tr>
<th>Substance</th>
<th>OSHA</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTANONE (MEK) *</td>
<td>200 ppm</td>
<td>200 ppm</td>
</tr>
<tr>
<td>4-Methyl-2-Pentanone</td>
<td>100 ppm</td>
<td>20 ppm</td>
</tr>
<tr>
<td>PHENOLIC RESIN *</td>
<td>5 mg/m³ (Respirable)</td>
<td>10 mg/m³ Inhalable Particulate</td>
</tr>
<tr>
<td>* can be absorbed through skin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* can be absorbed through skin

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8.3 Personal protection
All Personal Protective Equipment, including Respiratory Protection, used to control exposure to hazardous substances must be selected to meet the requirements of OSHA Regulations.

Respiratory protection:
Appropriate respiratory protection equipment should be selected according to the type of contaminants, following regulatory (OSHA / NIOSH) and manufacturers instructions including proper fitting of devices.

Hand protection:
For prolonged or repeated contact, recommend gloves type: polyvinyl alcohol, nitrile rubber, latex rubber (some people may exhibit sensitivity to Latex). Barrier creams may help to protect exposed areas of the skin. However, they should not be applied post exposure.

Eye protection:
Use safety glasses with side shields to protect against splashes. Face shields may also be worn.

Skin protection:
Protective clothing made of antistatic and fire resistant fibers. All parts of the body should be washed after contact. Use good hygiene and industrial practices, keep working clothes clean.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at: 68 º F (20 º C) Liquid
- Flash point: -1.11 Deg. C--- 30 Deg. F Method: TCC
- Specific gravity at: 68 º F (20 º C) 1.2 g/cm3
- Vapor Density: 2.41
- Lower Explosive Limit-2.3
- Upper Explosive Limit- 11.0
- Miscibility in water at 20 º C: Moderate
- Ph : 6.7
- Volatile by weight: 13.0 % by volume: 15.0 %
- Vapor pressure at: 68 º F (20 º C) 70 mm Hg
- Color: Black
- Appearance: Paste
- Odor: Ketone odor
- Boiling Point: > 37.78 Deg. C (>100 Deg F)
- Material Supports Combustion : Yes

10. STABILITY AND REACTIVITY
Stable under recommended storage and handling conditions (see SDS section 7). In case of combustion, may produce hazardous decomposition products including but not limited to the following:
- Carbon Monoxide
- Carbon Dioxide
- Smoke
- Halogenated Compounds
- Oxides of Carbon and Nitrogen
- Metal Oxide / Oxides

In case of inhalation of decomposition products released in a fire, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.

11. TOXICOLOGICAL INFORMATION
There are no data available on the preparation itself. See (SDS Sections 3 and 15) for details.

Exposure to component solvents vapors at concentrations in excess of the stated Occupational Exposure Limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms and signs of overexposure include headache, dizziness, fatigue, muscular weakness, drowsiness, reduced fetal weight, increase in fetal deaths, skeletal malformations, and in extreme cases loss of consciousness.

Repeated or prolonged contact with the preparation may cause Defatting of the skin resulting in non-allergic dermatitis and absorption through the skin.

The liquid splashed in the eyes causes serious eye irritation and damage.

Irritating to mouth, throat and stomach. Ingestion causes reduced fetal weight, increased fetal deaths and skeletal malformations

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ACUTE TOXICITY:

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>RESULT</th>
<th>SPECIES</th>
<th>DOSE</th>
<th>EXPOSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butanone</td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>11243 ppm</td>
<td>4 Hours</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>6480 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 ORAL</td>
<td>Rat</td>
<td>2737 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>Methyl Isobutyl Ketone</td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>32772 mg/m³</td>
<td>4 Hours</td>
</tr>
<tr>
<td></td>
<td>LD50 ORAL</td>
<td>Rat</td>
<td>2.08 g/kg</td>
<td>-</td>
</tr>
<tr>
<td>PHENOLIC POLYMER</td>
<td>LD50 ORAL</td>
<td>RAT</td>
<td>&gt;2000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rat</td>
<td>&gt;2000 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Harmful if Inhaled
Suspected of Causing Cancer. Risk depends on level and duration of exposure.
Causes Serious Eye Irritation
May Cause Respiratory Irritation
May Cause an Allergic Skin Reaction
Suspected of Damaging the Unborn Child.

CARCINOGENICITY:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>IARC</th>
<th>OSHA</th>
<th>NTP</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Methyl-2-Pentanone</td>
<td>2B</td>
<td>-</td>
<td>-</td>
<td>108-10-1</td>
</tr>
<tr>
<td>PROCESSED MINERAL FIBERS</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>65997-17-3</td>
</tr>
</tbody>
</table>

SPECIFIC TARGET ORGAN TOXICITY-STOT (SINGLE EXPOSURE)

BUTANONE - CATEGORY 3
4-Methyl-2-Pentanone - CATEGORY 3

TARGET ORGANS: BRAIN, BLOOD, KIDNEYS, LUNGS, REPRODUCTIVE SYSTEM, LIVER, HEART, PERIPHERAL NERVOUS SYSTEM, GASTROINTESTINAL TRACT, UPPER RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS AND/OR CORNEA. CARDIOVASCULAR SYSTEM, NERVOUS SYSTEM.
12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself. Do not allow the product to enter drains or water ways. See (SDS Sections 3 and 15)

Empty containers and/or liners may contain material residue. Empty contaminated packagings thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Bioaccumulative Potential :

<table>
<thead>
<tr>
<th>Product / Ingredient</th>
<th>LogP(ow)</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butanone</td>
<td>.29</td>
<td>-</td>
<td>low</td>
</tr>
<tr>
<td>4-Methyl-2-Pentanone</td>
<td>1.31</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>

Mobility in Soil : Not Available

13. DISPOSAL CONSIDERATIONS

Recommended incineration or land fill as hazardous waste per Federal, State and local regulations.

React with curing agent and dispose of as hazardous waste per Federal, State and local regulations. Recommended incineration or land fill.

Empty containers and/or liners may contain material residue. Empty contaminated packagings thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

14. TRANSPORT INFORMATION

DOT: § 172.101 HAZARDOUS MATERIALS TABLE

<table>
<thead>
<tr>
<th>Classification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>3</td>
</tr>
<tr>
<td>Subclass</td>
<td>NO</td>
</tr>
<tr>
<td>Packaging Group</td>
<td>II</td>
</tr>
<tr>
<td>Limited Quantity</td>
<td>Passenger aircraft: 60 Liter (16 gallon)</td>
</tr>
<tr>
<td>Cargo aircraft only: 220 Liter (58 gallon)</td>
<td></td>
</tr>
<tr>
<td>Vessel stowage</td>
<td>A</td>
</tr>
<tr>
<td>ERG</td>
<td>128</td>
</tr>
<tr>
<td>NMFC</td>
<td>4620 SUB.5 – CL.60</td>
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<tr>
<td>Schedule B #</td>
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IATA:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>1133</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>Adhesives</td>
</tr>
<tr>
<td>Labels</td>
<td>Flammable Liquid</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>3</td>
</tr>
<tr>
<td>Subclass</td>
<td>NO</td>
</tr>
<tr>
<td>Packaging Group</td>
<td>II</td>
</tr>
<tr>
<td>Passenger Air Packing Instruction : 309</td>
<td></td>
</tr>
<tr>
<td>Cargo Air Packing Instruction : 310</td>
<td></td>
</tr>
<tr>
<td>Cargo aircraft only: 220 Liter (58 gallon)</td>
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</tr>
</tbody>
</table>

IMDG:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>1133</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>Adhesives</td>
</tr>
<tr>
<td>Label</td>
<td>3</td>
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<tr>
<td>Hazard Class</td>
<td>3</td>
</tr>
<tr>
<td>Subclass</td>
<td>NO</td>
</tr>
<tr>
<td>Packaging Group</td>
<td>II</td>
</tr>
<tr>
<td>EMS No</td>
<td>F, E – S, D</td>
</tr>
</tbody>
</table>

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### 15. REGULATORY INFORMATION

#### US Regulations Federal

<table>
<thead>
<tr>
<th>Chemical (s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 (SARA)</th>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight %</th>
<th>Threshold limit (Reporting Value)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTANONE</td>
<td>78-93-3</td>
<td>&lt;=35%</td>
<td>Unknown</td>
<td></td>
</tr>
<tr>
<td>4-Methyl-2-Pentanone</td>
<td>108-10-1</td>
<td>&lt;=30%</td>
<td>Unknown</td>
<td></td>
</tr>
<tr>
<td>Phenolic Polymer</td>
<td>25036-25-3</td>
<td>&lt;=10%</td>
<td>Unknown</td>
<td></td>
</tr>
</tbody>
</table>

SARA notifications must remain attached to this SDS. Any copies and/or distribution of this SDS must include all SARA notifications.

All remaining Constituents are non-hazardous per FED-STD-313 All Constituents are listed in TSCA inventory; complete mixture is excluded Per TSCA Par. 710.4 (d) 95 (6) (7) Constituents are not listed in TSCA 12b CORR. LIST

#### US Regulations State

<table>
<thead>
<tr>
<th>California Proposition 65 (Developmental – Female)</th>
<th>4-Methyl-2-Pentanone</th>
<th>108-10-1</th>
<th>&lt;=30%</th>
<th>&gt;=1.0%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Massachusetts</td>
<td>2-BUTANONE</td>
<td>78-93-3</td>
<td>&lt;15%</td>
<td>&gt;=1.0%</td>
</tr>
<tr>
<td>New Jersey</td>
<td>2-BUTANONE</td>
<td>78-93-3</td>
<td>&lt;15%</td>
<td>&gt;=1.0%</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>2-BUTANONE</td>
<td>78-93-3</td>
<td>&lt;15%</td>
<td>&gt;=1.0%</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>2-BUTANONE</td>
<td>78-93-3</td>
<td>&lt;15%</td>
<td>&gt;=1.0%</td>
</tr>
<tr>
<td>California Proposition 65 (Developmental – Female)</td>
<td>Phenolic Polymer</td>
<td>25036-25-3</td>
<td>&lt;=10%</td>
<td>&gt;=1.0%</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>PHENOLIC POLYMER</td>
<td>25036-25-3</td>
<td>&lt;=10%</td>
<td>&gt;=1.0%</td>
</tr>
<tr>
<td>New Jersey</td>
<td>PHENOLIC POLYMER</td>
<td>25036-25-3</td>
<td>&lt;=10%</td>
<td>&gt;=1.0%</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>PHENOLIC POLYMER</td>
<td>25036-25-3</td>
<td>&lt;=10%</td>
<td>&gt;=1.0%</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>PHENOLIC POLYMER</td>
<td>25036-25-3</td>
<td>&lt;=10%</td>
<td>&gt;=1.0%</td>
</tr>
</tbody>
</table>

This SDS is provided without any warranty expressed or implied regarding its correctness or suitability for specific situations. The conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge.
United States: Sara 302/304 (Sara 304 RQ): Not Applicable
Information On Ingredients: None Were Found
Sara 311/312
Classification: Fire Hazard, Immediate (acute) Health Hazard, Delayed (chronic) Health Hazard

Information On Ingredients:
Butanone: Fire Hazard, Immediate (acute) Health Hazard
4-Methyl 2-Pentanone: Fire Hazard, Immediate (acute) Health Hazard, Delayed (chronic) Health Hazard
Phenolic Resin: Immediate (acute) Health Hazard

Sudden Release Of Pressure: No Products

Reactivity: No Products
Sara 313 Notification: *
4-Methyl 2-pentanone Cas# 108-10-1 <35% Concentration
* Do not detach SARA 313 notifications from SDS. All copies of SDS must include SARA 313 notifications.

California Prop. 65: Warning
This product contains a chemical known by the State of California to cause cancer, birth defects and other reproductive harm.

Canada

Class B – Flammable
4-Methyl 2-Pentanone
2-BUTANONE

Class D - Poisonous and Infectious
materials Division 2: Materials Causing Other Toxic Effects D2A
4-Methyl 2-Pentanone Cas#108-10-1
Phenolic Polymer CAS# 25036-25-3
2-BUTANONE Cas#78-93-3

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.
Listed National Pollutant Release Inventory (NPRI): TOLUENE CAS:108-88-3
2-BUTANONE CAS#78-93-3
4-Methyl 2-Pentanone Cas#108-10-1
Phenolic Polymer CAS# 25036-25-3

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### NFPA

- **Health**: 2
- **Flammability**: 3
- **Reactivity**: 0

### HMIS

- **Health**: 2
- **Flammability**: 3
- **Reactivity**: 0

* Customer and / or end user is responsible for determining Personal Protection Equipment

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**Preparer:** Flammaster / Compliance  
**Revision Notes:** A  
Conversion to ANSI format

**Containers:**  
- Plastic jars, metal cans  
- Cartridge kits

**Limited Quantity**  
See SDS Section 14

**Maximum container size**  
50 Gallons / 190 Liters

**Notice to reader:**  
This SDS is provided without any warranty expressed or implied regarding its correctness or suitability for specific situations. The conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge.  
In all cases, the user must determine the applicability of all information and recommendations contained herein as well as the suitability of this product for their own particular needs or purposes.  
This product may be hazardous and should always be used with care and discretion. Every effort has been made to describe all known hazards, but this in no way guarantees the above mentioned hazards are the only hazards present.  
Flammaster Corporation, its Affiliates and its Agents, shall in no way be held liable for any damages resulting from handling, using, storing, disposing of, or from contact with this product. User assumes all risk.

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End of Safety Data Sheet

This sds is provided without any warranty expressed or implied regarding its correctness or suitability for specific situations. The conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge.