

# Safety Data Sheet

**TMF CHEMICAL**

## 1. Identification

**Product Information:** Formula 99

**Product Name:** Formula 99

**Recommended Use:** Professional Cleaning

**Restrictions on Use:** Professional Use Only

**Supplied by:** TMF Chemical  
5045 Admiral Wright Rd., Ste. 109  
Virginia Beach, VA 23462  
Tel 1-800-949-7726  
www.truckmountforums.com

**Emergency Telephone:** 800-949-7726

## 2. Hazards Identification

**GHS Classification in accordance with 29 CFR 1910.1200**

Acute Tox. 2 Oral, Skin Corr. 1

**Symbol(s) of Product**



**Signal Word**

Danger

**Possible Hazards**

< 1% of the mixture consists of ingredient(s) of unknown toxicity

**GHS HAZARD STATEMENTS**

Direct contact can cause irritation to eyes

Can cause discomfort if induce internally

**GHS LABEL PRECAUTIONARY STATEMENTS**

Do not breathe dust/fume/gas/mist/ vapors/spray.

Wash face or hands and any exposed skin thoroughly after handling.

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

If swallowed: Drink milk or water and see a Physician.

If on skin or hair: Prolong contact may cause irritation

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. If irritation persists see a Physician.

Store locked up.

Dispose of contents in accordance with local/regional/national/international regulations

### GHS SDS PRECAUTIONARY STATEMENTS

Do not eat, drink or smoke when using this product.

Wash contaminated clothing before reuse.

## 3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %
Alkyldiphenyloxide Disulfonate	119345-04-9	2-15
Sodium Silicate	6834-92-0	1-9

## 4. First-aid Measures

**GENERAL ADVICE:** Call a physician if irritation develops or persists.

**FIRST AID - INHALATION:** Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration

**FIRST AID - SKIN CONTACT:** Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. If irritation persists see a Physician.

**FIRST AID - EYE CONTACT:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

**FIRST AID - INGESTION:** Drink milk or water. Never give anything by mouth to an unconscious person and see a physician. Gently wipe or rinse the inside of the mouth with water.

**SYMPTOMS:** See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

**NOTES TO PHYSICIAN:** Treat symptomatically.

## 5. Fire-fighting Measures

### EXTINGUISHING MEDIA

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, fog, Carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

**UNSUITABLE EXTINGUISHING MEDIA:** High volume water jet.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Hazardous decomposition products formed under fire conditions.

**ADVICE FOR FIREFIGHTERS:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## 6. Accidental Release Measures

**ADVICE FOR EMERGENCY RESPONDERS:** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist. Use personal protection recommended in Section 8.

**ENVIRONMENTAL PRECAUTIONS:** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological information.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Use personal protective equipment.

## 7. Handling and Storage

**HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Keep away from eyes and avoid prolong contact with skin.

**STORAGE:** Keep containers tightly closed in a cool, well-ventilated place. Always store in original container.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH-TLV-TWA</u>	<u>ACGIH-TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Alkyldiphenyloxide Disulfonate	N.E	N.E	N.E	N.E
Sodium Silicate	N.E	N.E	N.E	N.E

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection

**RESPIRATORY PROTECTION:** In case of insufficient ventilation wear suitable respiratory equipment.

**SKIN PROTECTION:** Wear impervious rubber clothing if needed to prevent contact with liquid material wear suitable protective clothing.

**EYE PROTECTION:** Safety glasses with side-shields.

**OTHER PROTECTIVE EQUIPMENT:** No Information

**HYIENIC PRACTICES:** See section 7 for more information

## 9. Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Color:</b>	Clear Yellow
<b>Appearance:</b>	Liquid	<b>Odor:</b>	Fresh Apple
<b>Odor:</b>	N/A	<b>pH:</b>	10.0-11.0
<b>Specific Gravity:</b>	1.1	<b>Viscosity:</b>	No Information
<b>Freeze Point, °C:</b>	Not applicable	<b>Partition Coefficient:</b>	No Information
<b>Solubility in Water:</b>	Soluble		
<b>Decomposition temperature, °C</b>	No Information		
<b>Boiling Point, °C:</b>	100°C	<b>Explosive Limits, %:</b>	No Information
<b>Combustibility:</b>	Does not Support Combustion	<b>Flash Point, °C:</b>	+200°F
<b>Evaporation Rate:</b>	No Information Available	<b>Auto-Ignition Temperature, °C</b>	Not applicable
<b>Vapor Density:</b>	>1	<b>Vapor Pressure, mmHg:</b>	Not applicable
<b>Volatile Organic Compounds (VOC):</b>	No Information		

## 10. Stability and Reactivity

**REACTIVITY:** Stable under normal conditions.

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Direct sources of heat.

**INCOMPATIBILITY:** Acids, Strong Oxidizing Agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** Yes, when exposed to fire emits normal products of combustion

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** None

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** None

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** May cause severe irritation

**EFFECT OF OVEREXPOSURE - INGESTION:** can cause discomfort if taken orally

**CARCINOGENICITY:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** No Information

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
119345-04-9	Alkyldiphenyloxide Disulfonate	4090 mg/kg Rat	2002	N.I.
16834-92-0-	Sodium Silicate			

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Discharge into the environment must be avoided.

### 13. Disposal Information

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

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Use personal protective equipment as required.

### 14. Transport Information

DOT	Not regulated
MEX	Not regulated
IMDG	Not regulated
IATA	Not regulated
<u>IATA</u>	Air transport is not recommended

### 15. Regulatory Information

#### International Inventories:

TSCA	Complies
DSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AICS	-
NZIoC	-
TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European 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 Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemical Substances

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
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None Known

None Known

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

**CALIFORNIA PROPOSITION 65 CARCINOGENS**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Chemical Name CAS-No.

None Known

None Known

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical Name CAS-No.

None Known

**16. Other Information**

Revision Date: 2/11/2020 Supersedes Date: New SDS

Reason for revision: No Information

Datasheet produced by: Regulatory Department

**HMS Ratings:**

Health:	2	Flammability:	0	Reactivity:	0	Personal Protection:	0
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**NFPA Ratings:**

Health:	1	Flammability:	0	Instability:	0	Physical Hazard:	-
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.