

**FIRSTPOWER GROUP LLC – 2S**

Version	Revision Date	SDS Number	Date of Issue
1.0	01/06/2019	2S-001-2019	01/06/2019

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**SECTION 1. IDENTIFICATION**

Product Name 2S

**Manufacturer Details**

Supplier Company Name	FirstPower Group LLC
Address	8941 Dutton Drive Twinsburg, OH 44087
Telephone	(330) 963-2050

**Recommended use of the chemical and restrictions on use**

Recommended Use Industrial Cleaner

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**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

**GHS Label Element**



**Hazard Statement**

Danger

**Precautionary Statement**

H223, H332, H280, P261 + P262

**Other hazards**

None known.

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**SECTION 3. COMPOSITION OF/INFORMATION ON INGREDIENTS**

Substance / Mixture Mixture

Substance Name

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<u>CAS Number</u>	<u>Component Name</u>	<u>Concentration</u>
107-46-0	Hexamethyl Disiloxane	>95%

**Hazardous ingredients**

None

**SECTION 4. FIRST AID MEASURES**

If inhaled	Remove to fresh air. Seek medical attention if symptoms occur.
In case of skin contact	Wash with warm water and soap as a precaution. Seek medical attention if symptoms occur.
In case of eye contact	Flush eyes with water as a precaution. Seek medical attention if irritation develops and persists.
If swallowed	DO NOT induce vomiting. Seek medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	Mild skin irritation/rash; nausea
Protection for first-aid providers	No special precautions are necessary.
Notes to physician	Treat symptomatically and supportively.

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	Water Spray Alcohol-resistant foam Dry chemical Carbon dioxide (CO2)
Unsuitable extinguishing media	None known
Specific hazards during firefighting	Very toxic vapors may evolve. Exposure to combustion products may be

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	hazardous to health.
Hazardous combustion products	Carbon oxides, silicon oxides
Specific extinguishing methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if safe to do so. Evacuate the area.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleanup	Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.

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Local or national regulations may apply to the releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding local or national requirements.

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**SECTION 7. HANDLING AND STORAGE**

Technical measures	See <i>engineering measures</i> under SECTION 8.
Local/total ventilation	Use only with adequate ventilation.
Advice on safe handling	Handle with accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	Keep in properly labeled containers. Store in accordance with applicable national regulations.
Materials to avoid	Do not store with the following product types: strong oxidizing agents.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Engineering measures**

Processing may form hazardous compounds (see SECTION 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure

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concentrations.

**Personal protective equipment**

Respiratory protection	No personal respiratory protective equipment normally required.
Hand protection	Wash hands during breaks and at the end of the day.
Eye protection	Wear safety glasses or face shield.
Skin and body protection	Skin should be washed after contact.
Hygiene measures	Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Liquid
Color	Light yellow
Odor	Slight
Odor threshold	No data available
pH	No data available
Melting point/freezing point	0°C / 32°F
Initial boiling point and boiling range	No data available
Flash point	-3° C / 26.6°F Method: Closed Cup
Evaporation rate	5% (at 120°C / 248°F)
Flammability (solid, gas)	Not applicable
Upper explosion limit	No data available

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Lower explosion limit	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	0.78
Solubility(ies)	
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	
Viscosity, kinematic	No data available
Explosive properties	Not explosive
Oxidizing properties	The substance or mixture is not classified as oxidizing.
Molecular weight	No data available

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	Not classified as a reactivity hazard.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	None known
Incompatible materials	Oxidizing agents
Hazardous decomposition products	Carbon Monoxide

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**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation

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Skin contact

Ingestion

Eye contact

**Acute toxicity**

Not classified based on available information

**Skin corrosion/irritation**

Not classified based on available information

**Serious eye damage/eye irritation**

Not classified based on available information

**Respiratory or skin sensitization**

Not classified based on available information.

**Germ cell Mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**IARC** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single expose**

Not classified based on available information.

**STOT-repeated expose**

Not classified based on available information.

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**Aspiration toxicity**

Not classified based on available information.

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Resource Conservation and  
Recovery Act (RCRA)

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form.

Waste from residues

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**SECTION 14. TRANSPORT INFORMATION***International Regulation***UNRTDG**

UN Number:

UN 1993



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Proper Shipping Name	FLAMMABLE LIQUID N.O.S. (Hexamethyldisiloxane)
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Class	3
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Packing Group	II
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Labels	4
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**IATA-DGR**

UN/ID No.	UN 1993
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Proper Shipping Name	Flammable liquid n.o.s. (Hexamethyldisiloxane)
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Class	3
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Packing group	II
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Labels	Flammable Liquids
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Packing instruction (cargo aircraft)	364
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**IMDG-Code**

UN number	UN 1993
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Proper Shipping Name	FLAMMABLE LIQUID N.O.S. (Hexamethyldisiloxane)
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Class	3
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Packing group	II
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Labels	3
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EmS Code	F-E, S-E
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Marine pollutant	yes
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**Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied

**49 CFR**

UN/ID/NA number	UN 1993
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Proper Shipping Name	FLAMMABLE LIQUID N.O.S. (Hexamethyldisiloxane)
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Class	II
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Labels	FLAMMABLE LIQUID
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ERG Code	128
Marine pollutant	yes (Hexamethyldisiloxane)

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**SECTION 15. REGULATORY INFORMATION***US Federal***TSCA**

All substances in this material are included on or exempted from listing on the TSCA Inventory

**SARA Reportable Quantities (RQ)**

None of the chemicals listed have an RQ

*US State Right to Know***New Jersey**

<u>CAS#</u>	<u>Wt%</u>	<u>Component Name</u>
107-46-0	>85	Hexamethyldisiloxane

**Pennsylvania**

<u>CAS#</u>	<u>Wt%</u>	<u>Component Name</u>
107-46-0	>85	Hexamethyldisiloxane

**California Regulations**

None

**European/International Regulations**

None

**Canada Ingredient Disclosure List**

None

**SECTION 16. OTHER INFORMATION**

**NFPA:**

**HMIS III:**

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<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0=not significant, 1=Slight, 2=Moderate,  
3=High, 4-Extreme, \*=Chronic

Sources of key data used to  
compile the SDS

Internal technical data, data from raw  
material SDSs, OECD eChem Portal  
search results and the European Chemicals  
Agency, <http://echa.europa.eu/>

**Revision Date**

01/01/2018

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed as guidance only for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end-product, if applicable.