



SAFETY DATA SHEET OF JSP Chapman's Flux Thinner #so920, #so924, #so928

According to ISO 11014:2010
First Print Date: 4-Sept-2019
Revision Date: --
Version: 1

Section 1: Chemical Product and Company Identification

Product identifier:

Identification as on the label/Trade name: Chapman's Flux Thinner

Unique product code: #so920, #so924, #so928

Relevant identification uses of the substance and uses advised against:

Identified uses: No data available.

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

JSP
1632 North Indiana Street
Los Angeles, California 90063

Contact details and website:

+1-323-231-0600

sales@jsp.cc

Emergency telephone numbers:

24-hour Emergency Contact: 800-255-3924

CHEMTREC 24-hour: 813-248-0585

Section 2: Hazards Identification

Classification of the substances or mixture:

This product is classified according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories

May be harmful if swallowed or inhaled.
May cause irritation to skin, eyes and respiratory tract.

Hazard statement:

H302 + H312
H315 + H319 + H335

Hazard pictograms:



Signal word: WARNING

Precautionary Statements:

No data available.

Special labeling of certain mixtures: None known.

Other hazards: None known.



Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	Classification EC1272/2008
Calcium flouride	7789-75-5	94 - 97.5%	No data available
Crystalline silica	7631-86-9	0.09 - 2.8%	No data available
Calcium carbonate	1317-65-3	1.0 – 2.9%	No data available

The exact percentages (concentration) of composition have been withheld as a trade secret.

Section 4: First-Aid Measures

Description of first aid measures:

First-aid measures general: None.

First-aid measures after inhalation: Remove the person from exposure. Bring to fresh air. If breathing is difficult, give oxygen. Get immediate medical attention. Possible irritation: mucous membranes, upper respiratory tract and lungs.

First-aid measures after skin contact: Remove contaminated clothing. Wash skin with water and soap. Dust: possible skin irritation.

First-aid measures after eye contact: Remove contact lenses if present. Immediately rinse eyes with plenty of water, holding eyelids open for at least 20 minutes. Consult a physician. Dust may irritate eyes.

First-aid measures after ingestion: Rare in industry. Induce vomiting. Give a large quantity of water to dilute.

UNCONSCIOUS person: DO NOT induce vomiting or give any liquid. Consult a physician.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguisher media: NON-FLAMMABLE. Use fire-fighting materials and procedures adapted to the immediate environment

Unsuitable extinguishing media: None known.

Special hazards arising from the mixture: Calcium oxide; Carbon dioxide; Hydrogen fluoride.

Advice for fire-fighters: Firefighters must wear self-contained breathing apparatus (SCBA)

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Large concentrations of fumes or dusts: Use a self-contained breathing apparatus (SCBA) to avoid inhalation of material. Small concentrations: Use a NIOSH/OSHA approved full face cartridge respirator or the equivalent. Full protective clothing. Boots, Gloves.

Spill and leak response:

Avoid raising dust. Use appropriate tools to put the spilled solid in a convenient recycling container. Finish cleaning by spreading water on the contaminated surface.

Dispose according to local and regional authority requirements.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

Additional information: None known.



Section 7: Handling and Storage

Precautions for safe handling:

DO NOT ingest or inhale dusts or fumes. Keep away from incompatibles (acids).

Ingestion or inhalation: Seek medical advice immediately and show the label or the copy of this SDS

Conditions for safe storage, including incompatibilities:

Dry, cool and well-ventilated area. Away from acids. In low fire-risk area.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits:

Component	PEL (TWA)	TLV (TWA)
Calcium fluoride	2.5	2.5
Silica	80% SiO ₂	3
Calcium carbonate	15	10

Biological exposure indices (BEI): No data available.

Additional exposure limits under the conditions of use: No data available.

Exposure control:

Appropriate engineering controls: No data available.

Eye/face protection:

Use a NIOSH/OSHA approved full face cartridge respirator or the equivalent.

Skin Protection:

Wear full protective clothing, boots, gloves.

Body Protection:

Wear full protective clothing, boots, gloves.

Respiratory Protection:

Large: Use a self-contained breathing apparatus (SCBA) to avoid inhalation of material.

Small: Use a NIOSH/OSHA approved full face cartridge respirator or the equivalent.

Control of Environmental Exposure:

No data available.



Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance (form): Solid, crystalline powder

Color: White to tan

Odor threshold: Odorless

pH (concentration): Not known.

Melting point/range (°C): 1420 °C.

Boiling point/range (°C): 2500 °C

Flash point (°C): Not known.

Evaporation rate: Not known.

Flammability (solid, gas): Not known.

Ignition temperature (°C): Not known.

Upper/lower flammability/explosive limits: Not known.

Vapor pressure (20 °C): Not known.

Vapor density: Not known.

Relative density (25 °C): Not known

Water solubility (g/L) at 20 °C: insoluble.

n-Octanol/Water partition coefficient: Not known.

Auto-ignition temperature: Not known.

Decomposition temperature: Not known.

Viscosity, dynamic (mPa s): Not known.

Physical hazards:

None.

Other information:

Fat solubility (solvent-oil to be specified): Not known.

Bulk density: Not known.

Dissociation constant in water (pKa): Not known.

Oxidation-reduction potential: Not known.

Section 10: Stability and Reactivity

Reactivity: No data available.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No data available.

Conditions to avoid: No data available.

Incompatible materials: Reactive with acids.

Calcium (fluoride): with acids, chemically active metals, reducing agents, water.

Contact with hot concentrated sulfuric acid: possible production of hydrofluoric acid (Hydrogen fluoride).

Silica (amorphous): violent reaction with: fluoride, oxygen difluoride, chlorine trifluoride.

Hazardous decomposition products: No data available.



Section 11: Toxicological Information

Toxic kinetics, metabolism and distribution:

Non-human toxicological data: No data available.

Chronic toxicity: No data available.

Method: No data available.

Dosage: No data available.

Routes of administration: No data available.

Results: No data available.

Absorption: No data available.

Distribution: No data available.

Metabolism: No data available.

Excretion: No data available.

Information on toxicological effects:

Acute toxicity: No data available.

Skin corrosion/irritation: Contact with this product can be irritating to exposed skin and eyes.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: This product is not considered a skin and respiratory sensitizer

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.

Persistence and degradability: No data available.

Bio accumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT& vPvB assessment: No data available.

Other adverse effects: No data available.

Section 13: Disposal Considerations

Waste methods: Recycle to process, if possible. Consult local or regional authorities.

If the product becomes a waste, material should be tested to determine if it must be classified as a hazardous waste under the Resource Conservation Recovery Act (RCRA 40CFR261.3). Discard in full compliance with Federal, Provincial and local regulations.

Section 14: Transport Information

UN number: Not regulated as a dangerous good.

UN proper shipping name: Not regulated as a dangerous good.

Transport hazard class (es): Not regulated as a dangerous good.

Packing group: Not regulated as a dangerous good.

Environmental hazards: Not regulated as a dangerous good.

Special precautions for user: Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR.



Transport in bulk according to Annex II of Marplot and the IBC Code: Not applicable.

Section 15: Regulatory Information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding restrictions: None known.

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

Other National regulations: None.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

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