Safety Data Sheet

Print date: 08/17/2018

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1. Product and Company Identification

Product Name: Orange Solv

Product Number: MSC565

Product Use: Degreaser

Supplier:	MCS Sanitation	**Manufacturer:**	MSC Sanitation
	60 Benjamin Street		60 Benjamin Street
	Dieppe, NB, E1A 9W6		Dieppe, NB, E1A 9W6
	Canada		Canada

Telephone: +1 506-389-2020

Emergency Telephone Number: 613-996-6666 (CANUTEC)

2. Hazards Identification

GHS Classification

Skin Corrosion/Irritation (Category 1)

Serious Eye Damage/eye Irritation (Category 1)

GHS Label elements, Including Precautionary Statement

Pictogram

Signal word Danger

Hazard Statement(s)

H314	Cause severe skin burns and eye damage

Precautionary Statement(s)

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Potential Health Effects

Skin: May be harmful if absorbed through skin. Causes skin burns.

Eyes: Cause severe eye burns.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

3. Composition/Information on Ingredients

Chemical Characterization: Mixture

Description: Aqueous mixture **Hazardous ingredients:**

CAS No.	Description	Concentration (m/m)
68439-45-2	**Linear Alcohol Ethoxylate**	1-5%
68131-39-5	**Linear Alcohol Ethoxylate**	1-5%
6834-92-0	**Sodium Metasilicate**	0.5-1.5%

4. First Aid Measures

General Advice

If inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
In case of eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
If swallowed:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. Firefighting Measures

Conditions of Flammability

Not flammable or combustible.

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Firefighters

Wear self-contained breathing apparatus for firefighting.

Hazardous Combustion Product

Hazardous decomposition products formed under fire conditions. – Oxides of phosphorus, Carbon oxides.

Explosion Data – Sensitivity to Mechanical Impact

No data available

Explosion data – Sensitivity to Static Discharge

No data available

6. Accidental Release Measures

Personal Precautions

Immediately evacuate personnel to safe areas. Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and Materials for Containment and Cleaning Up

Soak up with inert absorbent material ad dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/Personal Protection

Components with Workplace Control Parameters

No Occupational Exposure Limit assigned for any of the components.

Personal Protective Equipment

Respiratory Protection

Where risk assessment shows air-purifying respirator is appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as CSA Z94.4.

Hand Protection

Handle with suitable protective gloves. Glove must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. It should be noted that the time of breakthrough of any glove material may be different for different glove manufacturer. Due to the nature of this product (mixture), the protection time of gloves cannot be accurately estimated.

Eye Protection

Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as CSA Z94.3 or ANSI Z87.1.

Skin and Body Protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene Measure

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after handling the product.

9. Physical and Chemical Properties

Appearance

Form:	Liquid
Colour:	Orange
Odour:	Not available

Safety Data

pH:	12.5-13.5
Odour Threshold:	Not available
Melting Point:	Not available
Boiling point:	105˚C
Flash Point:	Not available
Ignition Temperature:	Not available
Lower Explosion Limit:	Not available
Upper Explosion Limit:	Not available
Vapour Pressure:	Not available
Density:	Not available
Water Solubility:	Completely miscible, soluble
Viscosity, Dynamic:	Not available

10. Stability and Reactivity

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available.

Materials to Avoid

Acids.

Hazardous Decomposition Products

Oxides of phosphorus, Carbon oxides.

11. Toxicological Information

Acute Toxicity

Oral LD50:	Not available
Dermal LD50:	Not available
Inhalation LC50:	Not available
Skin Irritation :	Not available
Eye Irritation :	Not available
Respiratory Sensitization:	Not available
Carcinogenicity:	No component of this product present at levels grater or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
Teratogenicity:	Not available
Reproductive Toxicity:	Not available
Specific Organ Toxicity	-
Single Exposure:	Not available
Specific Organ Toxicity Repeated Exposure:	Not available
Aspiration Toxicity:	Not available

Potential Health Effects

Skin:	May be harmful if absorbed through skin. Causes skin burns.
Eyes:	Cause severe eye burns.
Ingestion:	May be harmful if swallowed.

Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Symptoms related to the physical, chemical and toxicological characteristics

Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract, eyes and skin., spasm, inflammation and edema of the larynx, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, cough, wheezing, shortness of breath, headache, nausea.

Synergistic effects: Not available

12. Ecological Information

Toxicity: Not available

Persistance and Degradability: Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Not available

Other Adverse Effects: Not available

13. Disposal Consideration

Further Information

Dispose of in accordance with local regulations. Contact waste disposal services.

Contaminated Packaging

Dispose of as unused product.

14. Transport Information

TDG

UN Number: UN3267

Proper Shipping Name: Corrosive liquid, basic, organic, N.O.S (Disodium Metasilicate)

Transport Hazard Class: 8

Packing Group: III

DOT

UN Number: UN3267

Proper Shipping Name: Corrosive liquid, basic, organic, N.O.S (Disodium Metasilicate)

Transport Hazard Class: 8

Packing Group: III

Special Precautions

Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other Information

MCS Sanitation believes that the data, technical information and recommendation contained in this document are accurate; however, this information is provided without making any warranty, expressed or implied, and we assume no responsibility whatsoever for any damages or losses resulting from their use of the designated product. Use of this product should be restricted to qualified personnel.

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