Safety Data Sheet

1. IDENTIFICATION

Product Identifier: COMPATIBILITY AGENT
Product Code: E419
Other Name(s): COMPATIBILITY AGENT
Distributed By: not applicable
Recommended Use and Restrictions on Use: not available

Date of Revision: March 01, 2026

Manufactured By:
Ostrem Chemical Co. Ltd.
2310 - 80th Avenue NW
Edmonton, Alberta, Canada T6P 1N2
www.ostrem.com

Phone/Emergency Phone:
780-440-1911
Mon. - Fri. 8:00am - 4:30pm MT

2. HAZARDS IDENTIFICATION

Classification of the Mixture:
Eye Damage/Irritation - Category 2A
Skin Corrosion/Irritation - Category 2
Acute Toxicity, Oral - Category 4
Acute Toxicity, Dermal - Category 4
Specific Target Organ Toxicity (Single Exposure) - Category 1
Flammable Liquids - Category 3

Label Elements:

Hazard Pictogram(s):



Signal Word: DANGER

Hazard Statement(s):
Causes serious eye irritation.
Causes skin irritation.
Harmful if swallowed.
Harmful if in contact with skin.
Causes damage to organs (eyes and central nervous system).
Flammable liquid and vapour.

Precautionary Statement(s):

Prevention:
Do not breathe fumes or vapours.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves, protective clothing, and eye/face protection.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice.
IF SWALLOWED: Call a poison centre or physician if you feel unwell.
Rinse mouth.
IF ON SKIN: Wash with plenty of water.
Call a poison centre or physician if you feel unwell.
Take off immediately all contaminated clothing and wash it before reuse.
If exposed or concerned: Call a poison centre or physician.

Storage:
Store locked up.
Store in a well-ventilated place. Keep cool.

Disposal:
Dispose of contents/container in accordance with local/regional/national/international regulations.

Physical/health hazards not otherwise classified:
not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Conc. w/w	CAS #	Common Names
sodium hydroxide (50%)	3 - 7%	1310-73-2	caustic soda, lye
methanol	15 - 40%	67-56-1	methyl alcohol
alkylethoxy mono and diphosphate esters (60-100%)	65 - 85%	68130-47-2	
phosphoric acid (3-7%)	65 - 85%	7664-38-2	

4. FIRST-AID MEASURES

Necessary Measures:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice.
IF SWALLOWED: Call a poison centre or physician if you feel unwell.
Rinse mouth.
IF ON SKIN: Wash with plenty of water.
Call a poison centre or physician if you feel unwell.
Take off immediately all contaminated clothing and wash it before reuse.
If exposed or concerned: Call a poison centre or physician.

Most important symptoms, both acute and delayed:

Causes serious eye irritation.
Causes skin irritation.
Harmful if swallowed.
Harmful if in contact with skin.
Causes damage to organs (eyes and central nervous system).

Indication of immediate medical attention and special treatment needed, if necessary:

not applicable

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use extinguishing media appropriate for surrounding fire.

Specific hazards arising from the chemical (e.g.: hazardous combustion products):

May liberate carbon monoxide, carbon dioxide.

Special protective equipment and precautions for firefighters:

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective equipment. See section 8.

Environmental precautions:

Prevent from entering sewers, waterways or low areas.

Methods and materials for containment and cleaning up:

Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

7. HANDLING AND STORAGE

Precautions for safe handling:

Do not breathe fumes or vapours.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not ingest. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities:

Store locked up.
Store in a well-ventilated place. Keep cool.
Keep out of reach of children. Store in a cool, dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters - Exposure limits:

Ingredient:	Limit:
sodium hydroxide (50%)	ACGIH TLV: 2 mg/m3
methanol	ACGIH TWA: 200 ppm STEL: 250 ppm
alkylethoxy mono and diphosphate esters (60-100%)	not available
phosphoric acid (3-7%)	ACGIH TLV STEL: 3 mg/m3 TWA: 1 mg/m3

Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

Respiratory protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

Other protection:

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	clear semi-viscous liquid
Colour:	colourless
Odour:	no apparent odour
Melting Point and Freezing Point:	not available
Boiling point, or initial boiling point and boiling range:	not available
Flammability:	not available
Lower and upper explosion limit or lower and upper flammability limit:	not available
Flash point:	25 C
Auto-ignition temperature:	not available
Decomposition temperature:	not available
pH:	2.4
Kinematic viscosity:	not available
Solubility:	complete
Partition coefficient - n-octanol/water (logarithmic value):	not available
Vapour density:	not available
Density and Relative density:	1.051
Vapour pressure:	not available
Particle Characteristics:	not available

10. STABILITY AND REACTIVITY

Reactivity:

This material is considered to be non-reactive under normal use conditions.

Chemical stability:

Stable.

Possibility of hazardous reactions:

not available

Conditions to avoid (e.g.: static discharge, shock or vibration):

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials:

Oxidizers / Base

Hazardous decomposition products:

not available

11. TOXICOLOGICAL INFORMATION

POTENTIAL ACUTE HEALTH EFFECTS

Inhalation: May cause severe irritation to the respiratory tract.
Ingestion: Harmful if swallowed.
Eye contact: Causes serious eye irritation.
Skin contact: Harmful if in contact with skin.
Skin absorption: not available

POTENTIAL CHRONIC HEALTH EFFECTS

Inhalation: not available
Ingestion: not available
Eye contact: not available
Skin contact: not available
Skin absorption: not available

Mutagenicity: not available
Carcinogenicity: This information, if applicable, can be found in Section 2.
Reproductive toxicity: This information, if applicable, can be found in Section 2.
Sensitization of product: This information, if applicable, can be found in Section 2.
Specific Target Organ Toxicity - single exposure: This information, if applicable, can be found in Section 2.
Specific Target Organ Toxicity - repeated exposure: This information, if applicable, can be found in Section 2.

Toxicological Data:

Ingredient:	Data:
sodium hydroxide (50%)	not available
methanol	Oral LD50: 100 mg/kg (rat) Inhalation LC50: 5 mg/L (rat) Dermal LD50: 300 mg/kg (rabbit)
alkylethoxy mono and diphosphate esters (60-100%)	>2000 MG/KG ORAL RAT
phosphoric acid (3-7%)	Oral LD50: 1530 mg/kg (rat) Dermal LD50: 2740 (rabbit)

Other Toxicological Information on Ingredients:

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available): not available
Persistence and degradability: not available
Bioaccumulative potential: not available
Mobility in soil: not available
Other adverse effects: not available

Ecological Information on Ingredients: not available

13. DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations.

14. TRANSPORT INFORMATION

TDG classification: UN 1992; FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL); CLASS 3 (6.1); PG II

15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

16. PREPARATION INFORMATION

Prepared by: Technical Services Department, Ostrem Chemical Co. Ltd., Ph.: 780-440-1911

Date of Preparation: March 01, 2026
Date of Revision: March 01, 2026

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of Ostrem Chemical Co. Ltd.

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