

SAFETY DATA SHEET

Version 3.0
Revision Date: 2-23-17

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: XPell CE
SKU#: 3002
Product Use: Prevention of Peroxides in Organic Solvents

Manufacturer: XploSafe, LLC
3514 N Park Drive
Stillwater, Oklahoma 74075
Office: 405-334-5720

SECTION 2 — HAZARDS IDENTIFICATION

Pictogram



Signal word Warning

Toxic if swallowed. Irritating to eyes, respiratory system and skin. The toxicological properties of this material have not been fully investigated.

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Eye irritation (Category 2A), H319

Potential Health Effects

Eye Contact: May cause eye irritation
Skin Exposure: May cause skin irritation
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea
Inhalation: May cause respiratory tract irritation.
Chronic: Not available

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Composition	Content (wt.%)	CAS Number
Aluminum oxide	>70%	1344-28-1
Vanadium (III) oxide	<30%	1314-34-7

Physical Appearance – Greenish gray Extrudates/ Spheres, Odorless

SECTION 4 — FIRST AID MEASURES

Eye Contact:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin Contact:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

SECTION 5 — FIRE FIGHTING MEASURES

Flash Point: N/E or N/A

Flammable Limits: Lower: N/A Upper: N/A

Extinguishing Media: Use suitable extinguishing media for surrounding materials and type of fire.

Special Fire Fighting Procedures: Firefighters must wear full face, self-contained breathing apparatus with full protective clothing to prevent contact with skin and eyes. Fumes from fire are hazardous. Isolate runoff to prevent environmental pollution.

Unusual Fire & Explosion Hazard: None recorded.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment. Sweep up and containerize for reclamation or disposal.

SECTION 7 — HANDLING AND STORAGE

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities. Observe all warnings and precautions listed for the product.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls: Use only in well ventilated areas. Use local exhaust extraction.

Hygiene measures: Avoid contact with material. Wash hands thoroughly after handling. Do not reuse clothing if contaminated until thoroughly decontaminated.

Respiratory protection: Use either an atmosphere-supplying respirator or an air-purifying respirator for particulates.

Eye protection: Wear safety goggles or glasses to prevent eye contact.

Hand protection: Wear neoprene, nitrile, PVC or latex gloves to prevent contact.

Body Protection: When there is a possibility of exposure, wear a one piece coated overall with integral hood, safety boots, chemical-resistant without lace holes.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Greenish gray colored spheres.

Odor: Odorless.

% Volatiles by volume @ 21C (70F): 0

Vapor Density (Air=1): No information found.

Vapor Pressure (mm Hg): No information found.

Evaporation Rate (BuAc=1): No information found.

SECTION 10 — STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Toxic metal fumes may form when heated to decomposition.

SECTION 11 — TOXICOLOGICAL INFORMATION

Ingredient	Known	Anticipated	IARC Category
Aluminum Oxide (1344-28-1)	No	No	Not listed
Vanadium (III) Oxide (1314-34-7)	No	No	Not listed

SECTION 12 — ECOLOGICAL INFORMATION

Environmental Fate: No information available.

Environmental Toxicity

Aluminum Oxide (1344-28-1): LD50 Oral > 2000 mg/kg (rat)

Vanadium (III) Oxide (1314-34-7): LD50 Oral - 566 mg/kg (rat)

SECTION 13 — DISPOSAL CONSIDERATIONS

This product should be managed with an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 — TRANSPORT INFORMATION

Not regulated or transported as a hazardous material.

SECTION 15 — REGULATORY INFORMATION

Product related hazard information

Observe the general safety regulations when handling chemicals.

Ingredient Aluminum Oxide (1344-28-1):

Listed in the US Environmental Protection Agency Toxic Substance Control Act Substance Inventory.

Listed on the Canadian Domestic Substances List.

Ingredient Vanadium Trioxide (1314-34-7):

Reported in the initial EPA TSCA inventory.

Listed on Canada's NDSL List

Listed on Canada's Ingredient Disclosure List.

DSCL (EEC):

R25- Toxic if swallowed.

R36/37/38- Irritating to eyes, respiratory system and skin.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 1

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1
Flammability: 0
Reactivity: 1
Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Information about limitation of use:

For use only by technically qualified individual.

SECTION 16 — OTHER INFORMATION

NFPA Ratings – Health 1, Flammability 0, Reactivity 1

The above information is believed to be correct, but does not purport to be all-inclusive and shall only be used as a guide. XploSafe shall not be held liable for any damage resulting from handling or from contact with the above product.

Preparation Information

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