

SAFETY DATA SHEET

Version 2.1
Revision Date: 10-19-15

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: XPell R
SKU#: 3004
Product Use: Eliminate and prevent formation of peroxides in organic solvents

Manufacturer: XploSafe, LLC
3514 N Park Drive
Stillwater, Oklahoma 74075
Office: 405-334-5720
support@xplosafe.com

SECTION 3 — HEALTH HAZARDS IDENTIFICATION

Pictogram



Signal word

Warning

Hazard statement(s)

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.

Precautionary statement(s)

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

P308 + P313 contact lenses, if present and easy to do. Continue rinsing.
 IF exposed or concerned: Get medical advice/ attention.
 P337 + P313 If eye irritation persists: Get medical advice/ attention.
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Composition	Content (wt.%)	CAS Number
Molybdenum(VI) Oxide	>99.5%	1313-27-5
Proprietary	<0.5%	

Physical Appearance – Odorless, Dark Blue Solid

SECTION 4 — FIRST AID MEASURES

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

Inhalation:

Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. Seek immediate medical attention.

Ingestion:

Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. Seek immediate medical attention.

Serious Ingestion: Not available.

SECTION 5 — FIRE FIGHTING MEASURES

Flammability of the Product: Non-flammable.
Auto-Ignition Temperature: Not applicable.
Flash Points: Not applicable.
Flammable Limits: Not applicable.
Products of Combustion: Not available.
Fire Hazards in Presence of Various Substances: Not applicable.
Fire Fighting Media and Instructions: Not applicable.
Special Remarks on Fire Hazards: Not available.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Spill: Sweep up the spilled material and place in a chemical waste container. Use necessary precautions to minimize contact with skin and eyes and prevent inhalation of the dust. Dispose as waste in accordance with the federal, local and state laws.

Cleanup: Use water and soap as necessary. Do not release into sewers and waterways. When cleaning spills, use appropriate protective equipment including chemically resistant gloves and goggles.

SECTION 7 — HANDLING AND STORAGE

Handling: Wear protective gloves when handling the product. Avoid contact with skin, eyes and clothing. Avoid direct inhalation.

Storage: Store in a cool, dry, ventilated area. Keep container tightly sealed.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

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

Respiratory protection: Respiratory protection is not required under normal use conditions. Do not intentionally breathe vapors.

Eye protection: Wear chemical safety goggles or protective eyeglasses to avoid possible eye contact.

Hand protection: Wear chemically protective gloves.

Occupational Exposure Limits:

OSHA PEL: Not available ACGIH TLV: Not available

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: Dark blue or purple powder.

Odor: Not available.

Taste: Not available.

Molecular Weight: Not available.

pH: Not applicable.

Boiling Point: Not available.

Melting Point: Not available.

Critical Temperature: Not available.

Vapor Pressure: Not applicable.

Vapor Density: Not applicable.

Solubility in Water: Not available.

SECTION 10 — STABILITY AND REACTIVITY

Stability: Decomposition will not occur if used and stored according to specifications.

Instability Temperature: Not available.

Incompatibility with various substances: Acids.

SECTION 11 — TOXICOLOGICAL INFORMATION

Ingredient	Known	Anticipated	IARC Category
Molybdenum(VI) Oxide	Yes	No	Not listed
XXX (CAS)	No	No	Not listed

Section 12 — Ecological Information

Eco toxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Not available.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

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

Material is not hazardous for transportation.

SECTION 15 — REGULATORY INFORMATION

Material not currently regulated.

SECTION 16 — OTHER INFORMATION

NFPA Ratings: Health 1, Flammability 0, Reactivity 1

Precautions: Do not inhale dust. Prevent contact with skin and other organs by wearing protective gear.

Disclaimer: This product is intended for use as described by XploSafe. Any use of the product not in conformance with this Material Safety Data Sheet or with any other product or process not intended by XploSafe is the responsibility of the user.

Warranty: 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

Evgueni Kadossov, Ph.D.