



SAFETY DATA SHEET

Reviewed on: 7/3/2017

RevXoil.com

REV-X HIGH PERFORMANCE OIL ADDITIVE

SECTION 1: Identification of the substance/mixture and of the supplier

Product Name: REV-X HIGH PERFORMANCE OIL ADDITIVE

Product Number(s): REVX0401, REV0401B, REV0402BS, REV0424, REV0412B, REV0412BS

Product Description: Oil Additive

Manufacture/Supplier Trade name: REV-X PRODUCTS, INC.

Manufacture/Supplier Article number: 0001

Recommended uses of the product and use restrictions on use:
For use with any engine oil or hydraulic oil.
Do not use in Automatic Transmissions.

Manufacture Details: REV-X PRODUCTS, INC.
4349 40TH STREET STE A
GRAND RAPIDS, MI 49512
www.revxoil.com

Emergency Telephone number 616-200-4335

SECTION 2: Hazards identification

OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Classification of the substance: Not classified.

GHS label elements

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

Precautionary statements

General: Avoid contact with eyes, skin and clothing. May be harmful if swallowed. IF IN EYES: Rinse cautiously with water for several minutes. If swallowed, do not induce vomiting. After handling, always wash hands thoroughly with soap and water. If you feel



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unwell, seek medical attention and show the label when possible. Keep out of reach of children.

Prevention: Not applicable.

Response: Not applicable.

Storage: Store in a dry place and/or in closed container. Store in accordance with all local, regional, national and international regulations.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified: None known.

SECTION 3: Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Highly refined mineral oil (C15-C50)	Mixture	35% wt/wt
Potassium (ASTM D 5185)	Mixture	8.3% wt/wt
Nitrogen (ASTM D 5291)	Mixture	.022% wt/wt
Trade Secret	Mixture	56.48% wt/wt

SECTION 4: First Aid measures

Description of first aid measures

Inhalation: No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

Skin: In case of contact with substance, immediately flush skin with running water. Wash skin with soap and water. Take off any contaminated clothing, if irritation persists get medical advice/attention:

Eye: 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/attention:

Ingestion: DO NOT induce vomiting. No specific first aid measures are required, get medical advice/attention:



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Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Fire-Fighting Measures

Extinguishing media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Suitable extinguishing agents: Use firefighting measures that suit the environment.

Unsuitable extinguishing agents: Avoid the use of streaming water, as this may spread the fire.

Special hazards arising from the substance or mixture:
No relevant special hazard information available.

Advice for fire fighters: This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire spaces without proper protective equipment, including self-contained breathing apparatus.

Protective equipment: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective equipment. Keep unprotected persons away.

Emergency procedures: Eliminate all sources of ignition in vicinity of spilled material

Environmental precautions: Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean up: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or ground water. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible



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and appropriate, remove contaminated soil, place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. If heated material is spilled, allow to cool before proceeding with disposal methods.

Reporting:

Report spills to local authorities as appropriate or required.

SECTION 7: Handling and Storage

Precautions for safe handling

Handling:

Do not get In Eyes, on skin or on clothing. Avoid contact with heated material with eyes, skin and clothing. Wash thoroughly after handling:

Conditions for safe storage, including any incompatibilities

Storage:

Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources. Keep container closed when not in use. Keep away from incompatible materials or ignition sources. Keep away from heat. Ignition sources oxidizers and strong acids.

General Handling Information:

Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Static Hazard:

Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating or accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck applications) and use appropriate mitigating procedures. For more information see OSHA Standard 29CFR 1910.106, 'Flammable and combustible liquids', National Fire Protection Association (NFPA 77, Recommended Practice on Static Electricity, and/or the American Petroleum Institute (API) Recommended Practice 2003, Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents.

Container Warnings:

Container is not designed to contain pressure. Does not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (liquid, and/or vapor) and are not dangerous. Do not pressurize, cut, weld, braze, drill, grind, or expose such containers to heat, or flame as



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they may expand and cause serious injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioned or disposed of properly.

SECTION 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits None identified.

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection:

Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Splash goggles. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

Hand protection:

Chemical-resistant gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection:

Appropriate footwear and any additional skin protection measures should be selected based on the task being



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performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Not required.

SECTION 9: Physical and Chemical Properties

Color: Brown
Physical State: Liquid
Odor: Petroleum Odor
Odor Threshold: Not Applicable
pH: Not Applicable
Vapor Pressure: 0.0001 torr (Estimated) @ 20C (68F)
Vapor Density (Air = 1): No Data Available
Boiling Point: No Data Available
Solubility: Insoluble in Water
Freezing Point: No Data Available
Density: 1.13g/cm³ @ 15C (59F)
Viscosity: 80 cSt @40C (104F) Minimum
Coefficient of Expansion /F: 0.00035
Evaporation Rate: No Data Available
Auto igniting: Product is not self-igniting.
Danger of explosion: Product does not present any explosion hazard.

SECTION 10: Stability and Reactivity

Chemical Stability: This material is considered stable under normal and anticipated storage and handling conditions of temperature and pressure.

Conditions to avoid: **Do not heat above flash point.**

Incompatibility with other materials: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous Polymerization: Hazardous polymerization will not occur

SECTION 11: Toxicological Information

IMMEDIATE HEALTH EFFECTS

Eye Irritation: The eye irritation hazard is based on evaluation of data for similar materials or product components.



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Skin Irritation:	The skin irritation hazard is based on evaluation of data for similar materials or product components. Skin Sensitization: The skin sensitization hazard is based on evaluation of data for similar materials or product components.
Acute Dermal Toxicity:	The acute dermal toxicity hazard is based on evaluation of data for similar materials or product components.
Acute Oral Toxicity:	The acute oral toxicity hazard is based on evaluation of data for similar materials or product components.
Acute Inhalation Toxicity:	The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product components.
ADDITIONAL INFORMATION:	This product contains petroleum base oils that may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydro treating. None of the oils require a cancer warning under the OSHA hazard communications standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B). These oils have not been classified by the American Conference of Governmental Industrial Hygienist (ACGIH) as: confirmed human carcinogen (A1), suspected human carcinogen (A2), or confirmed animal carcinogen with unknown relevance to humans (A3).

SECTION 12: Ecological Information

Toxicity:	This material is not expected to be harmful to aquatic organisms. The Eco toxicity hazard is based on an evaluation of data for the components or a similar material.
Persistence and degradability:	This material is not expected to be readily biodegradable. The biodegradability of this material is based on an evaluation of data for the components or a similar material.
Bio accumulative potential:	Material data lacking.
Mobility in Soil:	Material data lacking.
Other adverse effects:	Material data lacking.

SECTION 13: Disposal Considerations



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Waste treatment methods:

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION 14: Transport Information

	DOT Classification	IMDG	IATA
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard class(s)	Not regulated	Not regulated	Not regulated
Packing group	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Additional information	None	None	None

SECTION 15: Regulatory Information

U.S. Federal regulations: **United States inventory (TSCA 8b):** All components are listed or exempted.

SARA 302/304 Composition/Information on ingredients. This material is classified as an oil under Section 311 on the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

State regulations

Massachusetts: None of the components are listed.
New York: None of the components are listed.
New Jersey: None of the components are listed.
Pennsylvania: None of the components are listed.

International regulations

International lists: Australia inventory (AICS): All components are listed or exempted.
China inventory (IECSC): Not determined.
Japan inventory: Not determined.
Korea inventory: All components are listed or exempted.
Malaysia Inventory (EHS Register): Not determined.



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New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Taiwan inventory (CSNN): Not determined

Canada inventory:

All components are listed or exempted

WHMIS (Canada):

Not controlled under WHMIS (Canada)

SECTION 16: Other Information

LABEL RECOMMENDATIONS:

Rev-X Products, Inc. LABEL CODE: Z

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