

Special Kwik-Way Grinding Oil

Kwik-Way Part Number
000-2112-73 One gallon
000-2111-92 Five gallon

Material Safety Data Sheet

DATE EFFECTIVE: 09-24-2004

Kwik-Way Products Inc.
500 57th Street
Marion, Iowa 52302
1-800-553-5953

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: MILHONE® 45 Metal Working Oil **Material ID:** 288
Manufacturer: Milacron Marketing Company, Global Industrial Fluids
3000 Disney Street
Cincinnati, OH 45209 United States
Emergency: Telephone (USA): 1-800-424-9300 (CHEMTREC)
Emergency: Telephone (Outside USA): 1-703-527-3887 (CHEMTREC)
General Information: Telephone: 1-513-458-8199
Generic Name: Metalworking Oil

2. EMERGENCY INFORMATION

Product is combustible. Product is a primary eye irritant. Product may be a primary skin irritant. Highway spills could result in slippery conditions. No other significant health effects are associated with this material.

3. POTENTIAL HEALTH EFFECTS OF DIRECT EXPOSURE

Inhalation: Product
Extended exposure to mist may cause upper respiratory irritation.

Eye Contact: Product is a primary eye irritant.

Skin Contact: Product may be a primary skin irritant.

Ingestion: Not orally toxic. However, pulmonary aspiration *hazard* if swallowed and/or vomiting occurs - can enter lungs and cause damage.

Medical Conditions generally aggravated by exposure

May aggravate existing skin irritation where further defatting or skin penetration could occur.

Mild skin irritation (redness and dryness of hands) may be experienced when the product has been contaminated by certain oils or by dissolved metals. When problems occur, use of oil-resistant barrier creams may be a temporary control measure. Contact Milacron Marketing Company, Global Industrial Fluids Technical Services at 1-513-458-8199 for specific recommendations.

When used in applications generating high levels of mist, operator exposure can be minimized by proper ventilation, use of mist collectors or splash guards, as appropriate. If there is doubt about actual mist levels present, monitoring should be conducted. Contact Milacron Marketing Company, Global Industrial Fluids at 1-513-458-8199 for specific recommendations.

Carcinogen Listings: NTP: No IARC: No OSHA: No

Signs and symptoms of exposure

Acute

Eye injury may result from contact with product. Skin irritation can result from improper use and handling of product.

4. EMERGENCY AND FIRST AID PROCEDURES

Eyes

In case of eye contact, flush immediately with running water for at least 15 minutes, and get prompt medical attention.

Skin Contact

For skin contact flush with large amounts of water while removing contaminated clothing. Remove contaminated shoes and clothing and launder before reuse.

Product is not irritating to the skin when used as recommended and good personal hygiene is practiced.

Ingestion

If the material is swallowed, get immediate medical attention or advice. **DO NOT INDUCE VOMITING.**

Inhalation

Inhalation can occur in applications where high mist levels are generated. OSHA has set a PEL of 15 mg/m³ for any airborne particulate as a nuisance level of exposure. NIOSH has set a REL of 0.5 mg/m³ for metalworking fluid mist. If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention.

5. CONTROL MEASURES

Respiratory protection

Product is not volatile.

In applications where time-weighted exposures are 0.5 to 5 mg/m³, mist reduction through improved ventilation, mist collection or process modification is recommended by NIOSH. Where this is not possible, NIOSH recommends the use of any air purifying, half-mask respirator including a disposable respirator, equipped with any P- or R-series particulate filter. If the average exposure will exceed 5 mg/m³, NIOSH recommends use of a powered, air-purifying respirator equipped with a hood or helmet and a HEPA filter. If respiratory problems are present when mist levels are < 0.5 mg/m³, respiratory protection should be based on the individual recommendation of a qualified health care provider.

Caution

The appropriate use and type of respirator is dependent upon use of the product and local operating conditions.

Ventilation

For most applications, normal shop ventilation is adequate. However, when high mist levels are generated or where machines are close together or ventilation is inadequate, operators may experience respiratory irritation. For such applications, use of splash guards or mist collectors is recommended.

Eye protection

Proper metalworking plant eye protection required when handling product.

Other protective clothing or equipment

Use effective metalworking plant protective clothing as appropriate.

Work / Hygiene Practices

Good personal hygiene should always be followed.

Protective Gloves

Impervious gloves, such as nitrile gloves, are recommended when handling product.

6. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

These ingredients may contribute to the acute product hazards listed under the Potential Health Effects section. Other substances, not hazardous under the OSHA Hazard Communication Standard, may be present. Further composition information may be available to health professionals as provided in the Standard.

Component	CAS#	Percent
PETROLEUM DISTILLATES, HYDROTREATED, HEAVY NAPHTHEN	64742-52-5	40-70
HYDROTREATED PARAFFINIC BASE OIL	64742-58-1	10-30
TURPENTINE	8006-64-2	1-5

7. FIRE AND EXPLOSION HAZARD DATA**Extinguishing Media**

Chemical foam, carbon dioxide, or dry chemical

Unusual Fire & Explosion Hazards

None

Hazardous Combustion Products

Smoke, fumes, hydrogen chloride, and oxides of carbon

Flash Point: 245 °F (118.3 °C) Cleveland Open Cup

HMIS RATINGS

Health	1
Flammability Classification	1
Reactivity	0

NEPA RATINGS

Health	1
Flammability Classification	1
Reactivity	0

