

# Safety Data Sheet

according to OSHA Hazard Communication Standards (HCS 2012); 29 CFR 1910.1200

Trade name : WL68  
Revision date : 08.11.2024  
Print date : 08.11.2024

Version : 2.0.1 (1.0.1)

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1 Product identifier

WL68

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses

Metal working fluids

#### Uses advised against

No information available.

### 1.3 Details of the supplier of the safety data sheet

#### Supplier (manufacturer/importer/downstream user/distributor)

CNCmarket.ca Inc.

**Street :** 2360 Portland Street SE

**Postal code/City :** Calgary, AB, T2G5S2

**Telephone :** +1 825 454 66 97

**E-mail address :** [info@CNCmarket.ca](mailto:info@CNCmarket.ca)

### 1.4 Emergency telephone number

Chemtrec: **1-800-424-9300** (24h/7d)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to OSHA HCS 2012 (29 CFR 1910.1200)

None

### 2.2 Label elements

None

### 2.3 Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Description

Mixture of base lubricant and additives.

#### Hazardous ingredients

None

#### Further ingredients

Distillates (petroleum), solvent-refined heavy paraffinic ; CAS No. : 64741-88-4

Weight fraction : 75 – 80 %

Additives ; CAS No. : Mixture

Weight fraction : 20 – 25 %

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

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## Following inhalation

Remove victim out of the danger area. Remove casualty to fresh air and keep warm and at rest.

## In case of skin contact

Change contaminated, saturated clothing. After contact with skin, wash with plenty of water and soap. In case of skin irritation, consult a physician.

## After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

## After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

## Self-protection of the first aider

No action shall be taken involving any personal risk or without suitable training.

## 4.2 Most important symptoms and effects, both acute and delayed

No information available.

## 4.3 Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Foam, Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Water spray, Water mist.

#### Unsuitable extinguishing media

Strong water jet

### 5.2 Special hazards arising from the substance or mixture

#### Hazardous combustion products

In case of fire may be liberated: Sulphur dioxide (SO<sub>2</sub>) Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>), Smoke and other incomplete combustion products.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4 Additional information

Do not inhale explosion and combustion gases. Move undamaged containers from immediate hazard area if it can be done safely. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Avoid contact with skin, eyes and clothes. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Special danger of slipping by leaking/spilling product.

### 6.2 Environmental precautions

Cover drains. Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### 6.3 Methods and material for containment and cleaning up

#### For containment

Cover drains. Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control. Prevent spread over a wide area (e.g. by containment or oil barriers).

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## For cleaning up

Wipe up with absorbent material (eg. cloth, fleece).  
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal. Ventilate affected area. Clean contaminated articles and floor according to the environmental legislation.

## 6.4 Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 12 for environmental precautions.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Wear personal protection equipment (refer to section 8). Use only in well-ventilated areas. Handle and open container with care. Avoid contact with skin, eyes and clothes. Do not breathe gas/fumes/vapour/spray.

#### Protective measures

##### Measures to prevent fire

Only use the material in places where open light, fire and other flammable sources can be kept away.

##### Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Shafts and sewers must be protected from entry of the product.

#### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Use protective skin cream before handling the product.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Packaging materials

Keep/Store only in original container.

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Protect containers against damage.

#### Hints on joint storage

Keep away from: Oxidizing agent

#### Further information on storage conditions

**Recommended storage temperature :** 5 - 40°C / 40 - 105°F.

**Protect against :** Heat. UV-radiation/sunlight Frost Water Humidity.

**Storage stability :** Product may be stored for up to 24 months under described conditions.

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

Mineral oil mist	<b>OSHA PEL (United States)</b> TWA: 5 mg/m <sup>3</sup> <b>ACGIH TLV (United States)</b> TWA: 5 mg/m <sup>3</sup> <b>NIOSH REL (United States)</b> TWA: 5 mg/m <sup>3</sup>
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### 8.2 Exposure controls

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## Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Technical measures and the application of suitable work processes have priority over personal protection equipment.

## Personal protection equipment

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

### Eye/face protection

Eye glasses with side protection DIN EN 166

### Skin protection

#### Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves must be worn: DIN EN 374 Do not wear gloves near rotary machines and tools.

#### Suitable material :

Wearing time with permanent contact:

Material: NBR (Nitrile rubber), PVA (Polyvinyl alcohol),

Thickness of the glove material: 0,70 mm

Breakthrough time (maximum wearing time): > 480 min

Wearing time with occasional contact (splashes):

Material: NBR (Nitrile rubber), PVA (Polyvinyl alcohol),

Thickness of the glove material: 0,40 mm

Breakthrough time (maximum wearing time): > 30 min

**Breakthrough time (maximum wearing time):** : For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Check leak tightness/impermeability prior to use.

#### Body protection

Body protection: not required.

### Respiratory protection

Usually no personal respirative protection necessary.

## General health and safety measures

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use. Apply skin care products after work.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance :** liquid

**Colour :** Light yellow

**Odour :** characteristic

#### Safety relevant basis data

<b>pH :</b>		not applicable	
<b>Melting point/melting range :</b>		No data available	
<b>Initial boiling point and boiling range :</b>	( 1013 hPa )	No data available	
<b>Flash point :</b>	>	200 °C / 398 °F	DIN EN ISO 2592
<b>Pour Point:</b>		-12 °C / 10 °F	
<b>Lower explosion limit :</b>		No data available	Vol-%
<b>Upper explosion limit :</b>		No data available	Vol-%
<b>Vapour Density (Air = 1):</b>		no data available	
<b>Evaporation Rate :</b>		no data available	
<b>Density :</b>	( 15 °C )	0,851 g/cm <sup>3</sup> 7,104 lb/gal	DIN EN ISO 12185

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Water solubility :	( 20 °C )	insoluble		
log P O/W :		not applicable		
Ignition temperature :		No data available		
Cinematic viscosity :	( 40 °C )	61,2 – 74,8	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity Index		<	132	
Decomposition temperature :		No data available		
Odour threshold :		No data available		

Oxidising liquids : Not oxidising.  
Flammable solids: Not applicable.  
Explosive properties : Not explosive according to EU A.14.

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

Oxidising agent, strong.

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

no known significant effects or critical hazards.

#### Irritant and corrosive effects

Not an irritant.

#### Sensitisation

not sensitising.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

##### Carcinogenicity

no known significant effects or critical hazards.

##### Germ cell mutagenicity

no known significant effects or critical hazards.

##### Reproductive toxicity

no known significant effects or critical hazards.

#### STOT-single exposure

##### STOT SE 1 and 2

Not expected to cause organ damage from a single exposure.

#### STOT-repeated exposure

##### STOT RE 1 and 2

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Not expected to cause organ damage from prolonged or repeated exposure.

## Aspiration hazard

Based on the available data the classification criteria for aspiration toxicity are not met. For viscosity data, see section 9.

## SECTION 12: Ecological information

### 12.1 Toxicity

For the product ecotoxicological data are not available.

#### Aquatic toxicity

harmless to aquatic organisms up to the tested concentration

### 12.2 Persistence and degradability

#### Biodegradation

Readily biodegradable (according to OECD criteria).

### 12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Other adverse effects

No information available.

### 12.7 Additional ecotoxicological information

Do not allow uncontrolled discharge of product into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product/Packaging disposal

##### Waste treatment options

##### Appropriate disposal / Product

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

##### Appropriate disposal / Package

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

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## 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

##### US Regulations

<b>NFPA Hazard ID:</b>	Health: 0	Flammability: 1	Reactivity: 0
<b>HMIS Hazard ID:</b>	Health: 0	Flammability: 1	Reactivity: 0

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

OSHA HAZARD COMMUNICATION STANDARD: This material is considered non-hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

Revision date: 31.08.2023

### 15.2 Chemical safety assessment

No information available.

## SECTION 16: Other information

### 16.1 Indication of changes

None

### 16.2 Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GHS: Globally Harmonized System on the Classification and Labelling of Chemicals

CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

### 16.3 Key literature references and sources for data

Sources of information used in preparing this SDS included one or more of the following: Product Dossiers and SDS from suppliers, complemented by public sources, as appropriate (GESTIS, the EU IUCLID Data Base, U.S. NTP publications, e.g.).

### 16.4 Relevant H- and EUH-phrases (Number and full text)

None

### 16.5 Training advice

Provide adequate information, instruction and training for operators.

### 16.6 Additional information

None

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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