



# SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 5/Aug/2016

Version: 2

Language: en-CA,US

Date of print: 11/Aug/2016

## Workshop Cleaner

Material number 152050

Page: 1 of 8

### 1. Product and company identification

#### Product identifier

Trade name: Workshop Cleaner

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

General use: Cleaning agent

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

Company name: WEICON Inc.

Street/POB-No.: 20 Steckle Place, Unit 20

Postal Code, city: Kitchener, Ontario N2E 2C3, CA

WWW: www.weicon.ca

E-mail: info@weicon.ca

Telephone: +1-519-896-5252

Telefax: +1-519-896-5254

Dept. responsible for information:

Product-Safety-Department

Telephone: +49(0)251 / 9322 - 0, Email: msds@weicon.de

#### Emergency phone number

**EMERGENCY CONTACT – Canada (24h): Tel: ++1 866 928 0789 (Toll free)**

**Transport:**

**TRANSPORT EMERGENCY CONTACT - Canada (24h): Tel: ++1 866 928 0789 (Toll free)**

### 2. Hazards identification

#### Emergency overview

Appearance: Physical state at 20 °C and 101.3 kPa: liquid

Color: blue

Odor: apple

Classification: Skin Corrosion 1B; Eye Damage 1;

Hazard symbols:



Signal word: **Danger**

Hazard statements: Causes severe skin burns and eye damage.

Precautionary statements: Keep out of reach of children.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash hands and face thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER/doctor.

Specific treatment (see ' First aid ' on this label).

Wash contaminated clothing before reuse.

Store locked up.

Dispose of contents/container to hazardous or special waste collection point.



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### Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

### Hazards not otherwise classified

Special danger of slipping by leaking/spilling product.  
see section 11: Toxicological information

## 3. Composition / Information on ingredients

Chemical characterisation: aqueous solution, alkaline

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 28348-53-0	Sodium cumenesulphonate	1 - 5 %	Eye Irritation 2A.
CAS 28085-69-0	Potassium cumenesulphonate	1 - 5 %	Eye Irritation 2A.
CAS 6834-92-0	Disodium metasilicate	1 - 5 %	Skin Corrosion 1B. Eye Damage 1. Specific Target Organ Toxicity (Single Exposure) 3.

## 4. First aid measures

General information:	If medical advice is needed, have product container or label at hand.
In case of inhalation:	Move victim to fresh air, put at rest and loosen restrictive clothing. If the casualty has difficulty breathing, call a doctor immediately.
Following skin contact:	Take off immediately all contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.
After swallowing:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediately get medical attention.

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

Causes severe skin burns and eye damage.

### Information to physician

Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range:

not applicable

Auto-ignition temperature: No data available

Suitable extinguishing media:

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.



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### Specific hazards arising from the chemical

In the event of a fire, the following may be produced when the water evaporates: Silicon dioxide, sodium compounds, carbon monoxide and carbon dioxide, sulphur oxides.

Protective equipment and precautions for firefighters:

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

Additional information:

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

## 6. Accidental release measures

**Personal precautions:** Do not breathe vapors. Keep unprotected people away. Provide adequate ventilation. Avoid contact with skin and eyes. Wear appropriate protective equipment. Take off immediately all contaminated clothing and wash it before reuse.

**Environmental precautions:**

Do not allow to penetrate into soil, waterbodies or drains.

**Methods for clean-up:**

Soak up with absorbent materials such as sand, siliceus earth, acid- or universal binder. Store in special closed containers and dispose of according to ordinance. Final cleaning.

Dilute with lots of water and flush away. observe pH!

## 7. Handling and storage

### Handling

**Advices on safe handling:** Provide adequate ventilation, and local exhaust as needed. Do not breathe vapors. Avoid contact with skin and eyes. Wear appropriate protective equipment. Take off immediately all contaminated clothing and wash it before reuse. Work place should be equipped with a shower and an eye rinsing apparatus.

### Storage

**Requirements for storerooms and containers:**

Store container tightly closed in a dry and cool place. Store only in original container. Protect from frost.

**Hints on joint storage:**

Do not store together with: Acids.

## 8. Exposure controls / personal protection

### Engineering controls

Provide adequate ventilation, and local exhaust as needed.  
See also information in chapter 7, section storage.

### Personal protection equipment (PPE)

**Eye/face protection** Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

**Skin protection**

Wear suitable protective clothing.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: Nitrile rubber-Layer thickness: > 0,4 mm

Breakthrough time: >480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

**Respiratory protection:**

Respiratory protection is required for not sufficiently ventilated working places and during the spraying processing.



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General hygiene considerations:

Avoid contact with skin and eyes. Do not breathe vapors.  
Take off immediately all contaminated clothing and wash it before reuse.  
When using do not eat, drink or smoke.  
Wash hands before breaks and after work.  
Work place should be equipped with a shower and an eye rinsing apparatus.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Color: blue
Odor:	apple
Odor threshold:	No data available
pH value:	at 20 °C: approx. 12
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	approx. 98 °C
Flash point/flash point range:	not applicable
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	No data available
Water solubility:	completely miscible
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Additional information:	solidification point: approx. 0 °C Relative density at 20 °C: 1.03

## 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	No hazardous reaction when handled and stored according to provisions.
Conditions to avoid:	No data available
Incompatible materials:	Violent reaction with: Acids
Hazardous decomposition products:	In the event of a fire, the following may be produced when the water evaporates: Silicon dioxide, sodium compounds, carbon monoxide and carbon dioxide, sulphur oxides.
Thermal decomposition:	No data available



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## 11. Toxicological information

### Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.  
Acute toxicity (oral): Based on available data, the classification criteria are not met.  
Acute toxicity (dermal): Based on available data, the classification criteria are not met.  
Acute toxicity (inhalative): Based on available data, the classification criteria are not met.  
Skin corrosion/irritation, eye damage/irritation: Skin Corrosion 1B = Causes severe skin burns and eye damage.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Lack of data.  
Germ cell mutagenicity/Genotoxicity: Lack of data.  
Carcinogenicity: Lack of data.  
Reproductive toxicity: Lack of data.  
Effects on or via lactation: Lack of data.  
Specific target organ toxicity (single exposure): Lack of data.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

Other information: Information about Disodium metasilicate:  
LD50 Mouse, oral: 770-820 mg/kg  
LD50 Rat, oral: 1152-1349 mg/kg  
LD50 Rat, dermal: > 5000 mg/kg  
LC50 Rat, inhalative: > 2.06 mg/L/4h  
Information about Potassium cumenesulphonate:  
LD50 Rat, oral: > 2000 mg/kg  
Information about Sodium cumenesulphonate:  
LD50 Rat, oral: > 2000 mg/kg  
LD50 Rat, dermal: > 2000 mg/kg  
LC50 Rat, inhalative: > 5 mg/L/4h



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## 12. Ecological information

### Ecotoxicity

Aquatic toxicity:

Harmful effects on water organisms by modification of pH-value.

Information about Disodium metasilicate (Acute toxicity):

Fish toxicity:

LC50: 2320 mg/L/96h

Algae toxicity:

ErC50 Scenedesmus subspicatus: 207 mg/L/72h

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): 1700 mg/L/48h

Bacterial toxicity:

EC50: 100 mg/L/3h

Information about Potassium cumenesulphonate (Acute toxicity):

Fish toxicity:

LC50 Cyprinus carpio (Common Carp): > 100 mg/L/96h

Algae toxicity:

ErC50 Desmodesmus subspicatus (green algae): > 100 mg/L/72h

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): > 100 mg/L/48h

Bacterial toxicity:

EC50: 1000 mg/L/3h

Information about Sodium cumenesulphonate (Acute toxicity):

Fish toxicity:

LC50: > 100 mg/L/96h

Algae toxicity:

ErC50 Scenedesmus subspicatus: > 100 mg/L/72h

Bacterial toxicity:

EC50: 1000 mg/L/3h

Effects in sewage plants:

The product is an alkali. Before discharge into sewage plants the product normally needs to be neutralised.

### Mobility in soil

No data available

### Persistence and degradability

Further details:

### Additional ecological information

Volatile organic compounds (VOC):

0 % by weight

General information:

Do not allow to enter into ground-water, surface water or drains.

## 13. Disposal considerations

### Product

Recommendation:

Dispose of waste according to applicable legislation.

Dilute small amounts with plenty of water and neutralize using: hydrochloric acid 5%.

### Contaminated packaging

Recommendation:

Dispose of waste according to applicable legislation.

Handle contaminated packages in the same way as the substance itself.

Non-contaminated packages may be recycled.



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### 14. Transport information

#### USA: Department of Transportation (DOT)

Identification number: UN3266  
Proper shipping name: UN 3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Disodium metasilicate)  
Hazard class or Division: 8  
Packing Group: III  
Labels: 8  
Symbols: G  
Special provisions: IB3, T7, TP1, TP28  
Packaging – Exceptions: 154  
Packaging – Non-bulk: 203  
Packaging – Bulk: 241  
Quantity limitations – Passenger aircraft / rail: 5 L  
Quantity limitations – Cargo only: 60 L  
Vessel stowage – Location: A  
Vessel stowage – Other: 40, 52  
Remarks: Protect from frost.



#### Canada: Transportation of Dangerous Goods (TDG)

UN Number: UN3266  
Shipping name: UN 3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Disodium metasilicate)  
TDG class: 8  
Packing group: III  
Special provisions: 16  
Explosive limit and limited quantity index: 5 L  
Passenger carrying road or rail index: 5 L

#### Sea transport (IMDG)

UN number: UN 3266  
Proper shipping name: UN 3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Disodium metasilicate)  
Class or division, Subsidiary risk: Class 8, Subrisk-  
Packing Group: III  
EmS: F-A, S-B  
Special provisions: 223, 274  
Limited quantities: 5 L  
Excepted quantities: E1  
Contaminated packaging - Instructions: P001, LP01  
Contaminated packaging - Provisions: -  
IBC - Instructions: IBC03  
IBC - Provisions: -  
Tank instructions - IMO: -  
Tank instructions - UN: T7  
Tank instructions - Provisions: TP1, TP28  
Stowage and handling: Category A. SW2  
Segregation: SG35  
Properties and observations: Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.  
Marine pollutant: no  
Segregation group: 18  
Remarks: Protect from frost.



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### Air transport (IATA)

UN/ID number: UN 3266  
 Proper shipping name: UN 3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Disodium metasilicate)  
 Class or division, Subsidiary risk: Class 8  
 Packing Group: III  
 Hazard label: Corrosive  
 Excepted Quantity Code: E1  
 Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y841 - Max. Net Qty/Pkg. 1 L  
 Passenger and Cargo Aircraft: Pack.Instr. 852 - Max. Net Qty/Pkg. 5 L  
 Cargo Aircraft only: Pack.Instr. 856 - Max. Net Qty/Pkg. 60 L  
 Special provisions: A3 A803  
 Emergency Response Guide-Code (ERG): 8L  
 Remarks: Protect from frost.

## 15. Regulatory information

### National regulations - Canada

No data available

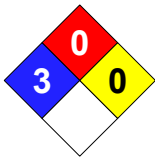
### National regulations - U.S. Federal Regulations

Sodium cumenesulphonate: TSCA Inventory: listed  
 TSCA HPVC: not listed  
 Potassium cumenesulphonate: TSCA Inventory: not listed  
 Disodium metasilicate: TSCA Inventory: listed  
 TSCA HPVC: not listed

## 16. Other information

Text for labeling: Contains 1 - 5 % Sodium cumenesulphonate, 1 - 5 % Potassium cumenesulphonate, 1 - 5 % Disodium metasilicate. Safety data sheet available on request.

Hazard rating systems:



NFPA Hazard Rating:  
 Health: 3 (Serious)  
 Fire: 0 (Minimal)  
 Reactivity: 0 (Minimal)

HMIS Version III Rating:  
 Health: 3 (Serious)  
 Flammability: 0 (Minimal)  
 Physical Hazard: 0 (Minimal)  
 Personal Protection: X = Consult your supervisor

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
	X

Reason of change: Changes in section 1: General revision

Date of first version: 17/May/2016

### Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.