

**Product name:** Wenol metal polish  
**Document Nr.:** SDS00153000200

**Date:** October 5<sup>th</sup> 2022  
**Version:** 3.0

## Section 1: Identification of the substance or mixture and the company

### 1.1. Product Identifier

Name: #53-000100 Wenol metal polish

### 1.2 Relevant applications of the material and uses advised against

Cleaning of metal surfaces

### 1.3. Company details

Rave Scientific  
100 Franklin Square Dr.  
Suite 101  
Somerset, NJ 08873  
Telephone: 1-732-898-3828  
Email: [info@ravescientific.com](mailto:info@ravescientific.com)  
Web: [www.ravescientific.com](http://www.ravescientific.com)

### 1.4 Emergency telephone number

Rave Scientific: 1-732-898-3828

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

<b>Physical:</b>	Flammable liquid, category 2 Highly flammable liquid and vapour
<b>Health:</b>	Aspiration irritation, category 1 Skin corrosion/irritation category 2 Eye irritation, category 2 Causes serious eye irritation May cause genetics defect, category 1B May cause cancer, category 1B
<b>Environment:</b>	Not classified
<b>Other hazards:</b>	None

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## Classification according to Regulation EC Nr. 1272/2008

F: FLAMMABLE  
Xi: Irritant  
Xn: Harmful

**Health:** R36: Irritating to eyes  
R38: Irritating to skin  
R40 (3): Limited evidence of carcinogenic effect  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation  
R63 (3): Possible risk of harm to the unborn child  
R67: Vapours may cause drowsiness and dizziness

**Physical**  
**Environment:** R11: Highly flammable  
Not classified

**Other hazards:** Not classified

## Classification according to 67/548/EEC of 1999/45/EC

Not applicable

## 2.2 Labeling elements

**Hazard pictogramm(s):**



Flammable



Corrosive



Health hazard

**Signal word:**

Danger

**Hazard statement(s):**

H225: Flammable liquid and vapour  
H314: Causes skin irritation  
H319: Causes serious eye irritation  
H340: May cause genetic defects  
H350: May cause cancer  
H304: May be fatal if swallowed and enters airway

**Precautionary statement(s)**

**Prevention:**

P101: If medical advice is needed, have product container or label at hand  
P102: Keep out of reach of children  
P103: Read label before use  
P233: Keep container tightly closed

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**Response:** P280: Wear protective gloves/protective clothing/eye protection/face protection  
P301+P310: If swallowed: Immediately call a poison center/doctor/physician/first aider  
P08+P313: If exposed or concerned: Get medical attention  
P331: Do NOT induce vomiting  
P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical attention  
P302+P352: If on skin: Wash with plenty of water and soap.  
P362+P364: Take of contaminated clothing and wash before resale

**Storage:** P403+P35: Store in a well-ventilated place. Keep cool.  
P405: Store locked up

**Disposal:** P501: Dispose of contents/container in accordance with local/regional/national/international regulations

**Supplemental hazard info:** None

## 2.3 Other hazards

Not applicable

## Section 3: Composition / information on components

### 3.1. Substances

Name: #53-000100 Wenol metal polish

### 3.2 Mixtures

Component	Symbol	EC Nr.	CAS Nr.	Approximate WT%
White spirit 150/200N		265-185-4	64742-82-1	20
Ammonia, anhydrous	NH <sub>3</sub>	231-635-3	7664-41-7	5
Kerosene		232-366-4	8008-20-6	20
Cocamide diethanolamine		271-657-0	68603-42-9	15
Aluminium oxide	Al <sub>2</sub> O <sub>3</sub>	215-691-6	1344-28-1	35

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## Section 4: First aid measures

### 4.1. Description of first aid measures

Contact with eyes:	Rinse cautiously with water for several minutes. If possible, remove contact lenses. Continue rinsing.
Contact with skin:	Wash with water and soap. Seek medical attention if irritation persists.
Inhalation:	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
Ingestion:	If swallowed, do not induce vomiting Seek immediate medical advice

### 4.2. Important symptoms and effects, either immediate or delayed

Inhalation:	Inhalation may irritate nose, throat and lungs
Ingestion:	May cause nausea, vomiting, stomach and diarrhea
Skin contact:	Prolonged contact may cause skin irritation
Eye contact:	Irritating to eyes

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

General advice:	If you feel unwell, seek medical advice; show product label if possible If symptoms persist, always call a doctor
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## Section 5: Firefighting Measures

### 5.1. Extinguishing media

Dry foam, carbon dioxide, dry chemical or water spray and sand

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

Carbon dioxide, carbon monoxide, nitrogen oxide, sulfur oxide, unburned hydrocarbons

### 5.3. Advice to firefighters

Wear self-contained breathing apparatus  
Wear full protective suit.

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## Section 6: Accidental release measures

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

Wear protective equipment  
Keep unprotected persons away  
Ensure adequate ventilation

### 6.2 Environmental precautions

Do not allow to enter public sewers and waterways

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

Quantities under 5 liters may be mopped up with a cloth

### 6.4 Reference to other sections

For further information see section 7, 8 and 13.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid breathing dust  
Provide adequate ventilation  
Only use small amounts  
Use with cleaning wipes

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

Keep container tightly closed, in a cool, well ventilated place  
Keep away from hot surfaces  
Keep out of reach of children

### 7.3 Specific end uses(s)

Not required

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## Section 8: Exposure control and personal protection

### 8.1. Control parameters

#### Occupational exposure limits (OEL)

Ingredient	Material Name	Source	TWA	STEL	Peak	Notes
White spittit	Not specified	EU	100 mg/m <sup>3</sup>	Not available	Not available	Not available
Ammonia	Not specified	EU	25ppm	35ppm		
Kerosene	Not specified	EU	200	Not available		
Cocamide ethan.	Not specified	EU	Not available	Not available		
Aluminium oxide	as dust	EU	1	10		
Wenol polish	Wenol polish	EU	Not available	Not available	Not available	Not available

### 8.2 Exposure controls

Control procedures: Avoid creating dust  
Only use small amounts  
Wash hands before breaks and at the end of the work  
Maintain appropriate working environment

Personal protection: Protective work clothing

Inhalation: Use breathing protection with high concentrations

Hands and skin: Suitable gloves

Eyes: Wear safety goggles or full-face protection

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance/physical state: Paste

Colour: Pink to red

Odour: Ammonia like

pH: ~11.5

Melting point/range: Not determined

Boiling point/range: 221°C

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Flash point:	Not applicable
Evaporation rate:	Not applicable
Explosion limits: upper limit:	Not determined
lower limit:	Not determined
Vapour pressure:	2Hpa
Relative density:	1.15 g/cm <sup>3</sup> @ 20°C
Solubility in water:	100%
Auto-ignition:	Not determined
Viscosity:	Not determined

## 9.2 Other information

None

## Section 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purposes

### 10.2 Chemical stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

None known

### 10.4 Conditions to avoid

Avoid hot surfaces

### 10.5 Incompatible materials

Strong oxidising agents

### 10.6 Hazardous decomposition products

Carbon dioxide, carbon monoxide

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure:

**Inhalation:** May cause irritation  
**Skin contact:** May cause irritation  
**Eye contact:** Irritant, caustic effect  
**Sensitisation:** No sensitising effects known  
**Carcinogenicity:** This product contains white spirit which is classified as carcinogenic

#### Toxicological data LD/LD50 values

Ingredient	Toxicity	Irritation
Component toxicity test	Oral (rat) LD50: 350mg/kg Inhalation (rat) LC50/4h: 2000mg/l	Not available

## Section 12: Ecological information

### 12.1. Aquatic toxicity

This product contains white spirit which is toxic to aquatic organisms. Water hazard class 2.

### 12.2 Persistence and degradability

Highly volatile, rapidly evaporates and can degrade rapidly in air

### 12.3 Bio-accumulative potential

No information available

### 12.4 Mobility in soil

Non-significant adsorption



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## 12.5 Results of PBT and vPvB assessment

Not applicable

## 12.6 Hazardous decomposition products

No information available

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Product:** This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**National regulations:** Disposal should be in accordance with local, state or national legislation.

## Section 14: Transport information

### 14.1. UN number

UN-number: N/A

### 14.2 UN proper shipping name

Proper shipping name: N/A

### 14.3 Transport hazard class(es)

**Class:** N/A  
**ADR/RID-Classification code:** N/A

### 14.4 Packing group

Packing: N/A

### 14.5 Incompatible materials

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ADR/RID- Environmentally hazardous: N/A

IMDG-Marine pollutant: N/A

IATA/ICAO-Environmentally hazardous: N/A

## 14.6 Special precautions for user

ADR/RID-Tunnelcode: N/A

IMDG-Ems: N/A

IATA/ICAO-PAX: N/A

IATA/ICAO-CAO: N/A

## 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not applicable

## Section 15: Regulatory information

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

**TSCA:** All components are listed

### 15.2 Chemical safety assessment

No information available

## Section 16: Other information

This product should be stored, handled and used in accordance with good industrial hygiene practices and in accordance with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe the product from the point of view of safety requirements. It does not guarantee any specific properties.

It is the responsibility of the user to query and verify any information seeming suspect or where doubt on the validity may exist. The buyer assumes all responsibility of using and handling the product in accordance with local, state, federal and international regulations.