



# HONING COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

LEAF/HS/DWSHP

Date of issue: 28/5/2015

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Replaces version 1.0 Version:2.0  
dated: 21/03/2009

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Honing Compound Bar  
Product code : DWS/HP/100, BLUMAX

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial solid abrasive compound used for metal finishing  
For professional use only.

##### 1.2.2. Uses advised against

No additional information available.

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

Trend Machinery & Cutting Tools Ltd  
Unit 6 Odhams Trading Estate  
St. Albans Road  
Watford  
Herts  
United Kingdom  
T 0044 1923 249911  
F 0044 1923 236879  
technical@trendm.co.uk  
www.trend-uk.com

#### 1.4. Emergency telephone number

Emergency number : 01298 25335 (office hours) Lea Manufacturing Co. Ltd

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

None of the ingredients of this products are classified as dangerous.

##### Classification according to Directive 67/548/EEC or 1999/45/EC

None of the ingredients of this products are classified as dangerous.

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : Not applicable  
Signal word (CLP) : Not applicable  
Hazardous ingredients : Not applicable  
Hazard statements (CLP) : Not applicable  
Precautionary statements (CLP) : P262 - Do not get in eyes, on skin, or on clothing.  
: P280 - Wear protective gloves, eye protection.

#### 2.3. Other hazards

Use of the product may generate a dust, which is not classified as harmful but has a Workplace Exposure Limit. Experience shows that tendency for the dust to become airborne is limited because it is wetted in wax. Dust hazard from foreseeable use of the product is therefore minimal, but it is recommended that appropriate precautions be taken by the user. See Section 8.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Aluminium oxide	(CAS no 1344-28-1)	60 - 65	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 (CLP)
Aluminium oxide	(CAS no 1344-28-1)	60 - 65	Not classified

The aluminium oxide abrasive is suspended in a wax binder of animal, vegetable and petrochemical origin.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

- First-aid measures general : Medical attention is only required after eye contact. No delayed affects.
- First-aid measures after inhalation : If exposed to excessive levels of dust, remove to fresh air.
- First-aid measures after skin contact : Wash skin with plenty of soap and water.
- First-aid measures after eye contact : Flush with water for 15 minutes, also under eyelids. Seek medical advice.
- First-aid measures after ingestion : Product is non-toxic. Drink large quantity of water, do NOT induce vomiting.

**4.2. Most important symptoms and effects, both acute and delayed**

No additional information available

**4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

- Suitable extinguishing media : CO2, Water fog. Dry powder.
- Unsuitable extinguishing media : DO NOT USE WATER JETS.

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

Product is combustible but not flammable. Experience shows that if ignited burns slowly with a smoky flame. In a large fire, or enclosed space, the smoke could be a hazard. Burning creates carbon dioxide, also carbon monoxide if burnt in a restricted supply of air.

**5.3. Advice for firefighters**

- Firefighting instructions : No information available
- Protection during firefighting : Breathing apparatus should be worn.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

- Protective equipment : The product is a solid waxy bar and in the event of spillage or accidental release there is unlikely to be a significant hazard, or any need for provision of ventilation or respiratory protection. Minimise skin contact, avoid eye contact, and remove ignition sources. Wear safety goggles and gloves.
- Emergency procedures : No additional information available

**6.1.2. For emergency responders**

- Protective equipment : Wear safety goggles and gloves.
- Emergency procedures : No additional information available

**6.2. Environmental precautions**

Although the product is non-toxic and partly biodegradable, spillage should be kept away from drains, water, and soil. There is no need to alert the neighbourhood in the event of a spillage.

**6.3. Methods and material for containment and cleaning up**

- Methods for cleaning up : Solid product - can be picked up for re-use, reclamation or proper disposal. No particular precautions are required other than those applicable to normal handling.

**6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : The product is not hazardous and no special provisions are required other than normal precautions regarding lifting.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work thoroughly after handling.

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

- Technical measures : Comply with applicable regulations.
- Storage conditions : Store away from direct sunlight and other sources of heat.
- Incompatible products : No incompatibility is expected between product and other substances in normal industrial use.
- Incompatible materials : Avoid contact with strongly oxidising materials.  
: Store away from sources of heat and out of direct sunlight.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits

WEL 10 mg/m<sup>3</sup> total inhalable aluminium oxide dust. (Referenced from EH40/2005, amended 2007. See Section 16.)

WEL 4 mg/m<sup>3</sup> total respirable aluminium oxide dust. (Referenced from EH40/2005, amended 2007. See Section 16.)

#### 8.2. Exposure controls

- Personal protective equipment: : Local exhaust ventilation should be provided to maintain exposure below the WEL during use. Where LEV is not available. Gloves. Protective goggles.
- Hand protection : Canvas gloves are desirable, for protection primarily against rotating machinery, cutting edges and risk of abrasion. Barrier cream may be advisable for sensitive skin.
- Eye protection : Goggles or safety spectacles.



- Other information : Do not eat, drink or smoke during use.  
Overalls should be worn, and changed when contaminated.

### SECTION 9: Physical and chemical properties

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

- Physical state : Solid
- Appearance : Waxy bar
- Colour : Pale blue
- Odour : Slight and soap-like
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : > 52° C
- Freezing point : No data available
- Boiling point : No data available
- Flash point : Non flammable
- Self ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : Non flammable
- Vapour pressure : Negligible
- Relative vapour density at 20 °C : 1.8
- Relative density : No data available
- Density : No data available
- Solubility : Not soluble
- Log Pow : No data available
- Viscosity at 99° C (ASTM D445) : No applicable
- Explosive properties : Not explosive
- Oxidising properties : Not oxidising
- Explosive limits : No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Not established.

**10.2. Chemical stability**

The product is stable. Experience shows no hazardous reaction will occur under normal conditions of use or storage, on contact with water, or if releases into the environment.

**10.3. Possibility of hazardous reactions**

Not established.

**10.4. Conditions to avoid**

Contact with highly oxidising materials should be avoided.

The product may become visibly soft if stored at temperatures above normal ambient. This renders the product unstable but has no safety significance.

**10.5. Incompatible materials**

Highly oxidising materials

**10.6. Hazardous decomposition products**

Decomposition through combustion will produce carbon dioxide, smoke, and possibly carbon monoxide.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

The product is not toxic, but experience shows it is capable of causing skin or eye irritation. This is due to the abrasive content, and not to any inherent toxicity or chemical property.

**SECTION 12: Ecological information****12.1. Toxicity**

Experience has shown that the product has no environmental effect on air, water or soil. Its environmental fate is for the binder to degrade while the abrasive disperses into the soil.

**12.2. Persistence and degradability**

The wax binder is readily biodegradable. The abrasive is not biodegradable but is not harmful to the environment.

**12.3. Bioaccumulative potential**

The product has no potential to bioaccumulate.

**12.4. Mobility in soil**

Neither the wax nor the abrasive are water soluble, and neither can be considered mobile.

**12.5. Results of PBT and vPvB assessment**

No data available

**12.6. Other adverse effects**

The product has no potential for ozone depletion.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Dispose of contents/container in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

**SECTION 14: Transport information**

If molten under 100° C not classified as hazardous under transport regulations. However if molten at over 100° C in tanks the CGD (CPL) Regulations 1994 require the following:- UN No. 3257; CLS-9 EAC-2W; packaging group III Special Provisions 232.

**14.1. UN number**

UN-No : Not applicable  
UN-No. (IATA) : Not applicable  
UN-No. (IMDG) : Not applicable

**14.2. UN proper shipping name**

Proper Shipping Name : Not applicable  
Transport document description : Not applicable

### 14.3. Transport hazard class(es)

Class (UN) : Not applicable  
 Class (IATA) : Not applicable  
 Class (IMDG) : Not applicable  
 Hazard labels (UN) : Not applicable

### 14.4. Packing group

Packing group (UN) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No information available.  
 Marine pollutant : No information available.  
 Other information : No information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Hazard identification number (Kemler No.) : Not applicable  
 Classification code (UN) : Not applicable  
 Special provision (ADR) : Not applicable  
 Transport category (ADR) : Not applicable  
 Tunnel restriction code : Not applicable  
 Limited quantities (ADR) : Not applicable  
 Excepted quantities (ADR) : Not applicable  
 EAC code : Not applicable

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Air transport

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## SECTION 15 : Regulatory information

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

No additional information available

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions.  
 Contains no REACH candidate substance.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

User notes : Sections revised 1 to 16  
 Revision due to change in regulations

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : Suppliers own data sheet (LEA Manufacturing Co. Ltd) issued June 2011, revision 2.0  
 Supplier advises that WEL information in Section 8, is based on the Personal Sampling monitoring procedure in accordance with General methods of sampling and gravimetric analysis of respirable and total inhalable dust, (ref MDSH 14/3). This procedure gives a result in milligrams of dust per cubic metre, which relates directly to the published WEL standards.

Trend SDS reference : LEAF/DWSHP

### Precautionary phrases:

P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves/protective clothing/eye protection

### SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*