



Safety Data Sheet

# Auto Coarse Flatting Liquid

**Issue date:** 03.09.2021

**Revision date:** 13.03.2020 **Version** 2.4

*This Safety Data Sheet has been compiled in accordance with Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830*

## **SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY**

### **1.1 PRODUCT IDENTIFIER**

Product Type: Auto Coarse Flatting Liquid

### **1.2 RELEVANT IDENTIFIED USE**

Polishing agent

### **1.3 DETAILS OF SUPPLIER OF SDS**

**Address:** National Abrasives Ltd  
54 Albert Road North  
Reigate, Surrey  
RH2 9EL

**Telephone:** 01737 242593

**Fax:** 01737 911310

**Email:** [sales@national-abrasives.co.uk](mailto:sales@national-abrasives.co.uk)

### **1.4 EMERGENCY TELEPHONE**

01737 242593

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## **SECTION 2: POSSIBLE HAZARDS**

### **2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

2.1.1 This product does NOT meet the criteria for classification in any hazard class according to Commission Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures. However, a Safety Data Sheet is supplied on request as the product contains components for which there are Union Workplace Exposure Limits.

The Safety Data Sheet serves to communicate information down the supply chain in accordance with Article 32 of Commission Regulation (EC) No 1907/2006.

2.1.2 Additional Information – Supplemental EU Hazard information: EUH066 – see SECTION 16 of this SDS ‘Other Information’



Safety Data Sheet

# Auto Coarse Flatting Liquid

## 2.2 LABEL ELEMENTS

Hazard Pictograms:	None
Signal word:	None
Hazard statement(s):	None
Precautionary statement(s):	P282: Wear gloves to protect against abrasion/face mask/eye protection P501: Dispose of contents/containers in accordance with local regulation

## 2.3 OTHER HAZARDS

This product is a mixture which does not meet the criteria for PBT or vPvB in accordance with Annex XIII or REACH

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

For REACH classification purposes this product is a MIXTURE. It consists of particulate Aluminium Oxide abrasive suspended in an emulsion of lipids and water. No registration number is given as the product does not contain any substances that presents a hazard to health or environment, in concentration equal or greater than those laid down by Commission Regulation (EC) No 2015/830; however Aluminium Oxide is shown because it has a Union Workplace Exposure Limit. See SECTION 8 of this SDS 'Exposure Controls and Personal Protection'

Component	CAS Number	EC Number	REACH Number	Classification according to Regulation (EC) No. 1272/2008 (CLP)	Concentration
Aluminium Oxide	1344-28-1	215-691-6	01-2119529248-35-xxxx	None	> 30%

## SECTION 4: FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation:	If exposed to excessive levels of dust, remove to fresh air
Eye contact:	Flush with water for 15 minutes, also under eyelids. Seek medical advice if irritation persists



Safety Data Sheet

# Auto Coarse Flatting Liquid

**Skin contact:** Wash with plenty of soap and water  
**Ingestion:** Product is non-toxic. Drink large quantity of water, DO NOT induce vomiting  
**Further advice:** Removal of clothes and shoes is not necessary. Personal protective equipment for first aid responders is not necessary.

## 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE & DELAYED

**Severe inhalation:** May cause shortness of breath  
**Eye contact:** May cause redness or swelling  
**Skin contact:** May cause minor redness/swelling

## 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

None

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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

**Suitable:** CO<sub>2</sub> / Water fog / Dry Powder  
**Unsuitable:** Water jet

### 5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

**Hazardous combustion products:** Carbon oxides (CO, CO<sub>2</sub>)

### 5.3 ADVICE FOR FIREFIGHTERS

Self-Contained Breathing Apparatus with chemical resistant gloves should be worn

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 For non-emergency personnel: Minimise skin contact, avoid eye contact and remove ignition sources

6.1.2 For emergency responders: There are no special requirements for personal protection or suitable fabrics



Safety Data Sheet

# Auto Coarse Flatting Liquid

## 6.2 ENVIRONMENTAL PRECAUTIONS

6.2.1 Keep away from drains, surface and ground water

## 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

6.3.1 Temporarily bund area to prevent spreading

6.3.2 Use an appropriate tool to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow the evacuate through the sanitary system

## 6.4 REFERENCE TO OTHER SECTIONS

6.4.1 See SECTION 13 of this SDS 'Disposal Considerations' and SECTION 8 'Exposure Controls and Personal Protection'

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## **SECTION 7: HANDLING AND STORAGE**

For industrial and professional users, certain precautionary statements are given in this section in order to avoid the need to print them on the label.

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Ensure good local exhaust ventilation at the workplace. No special provisions are required other than normal good housekeeping and precautions regarding hygiene. Do not eat, drink or smoke in the work areas, and wash hands after using or handling the product. Avoid contact with skin and eyes.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a well ventilated area at temperatures between 5°C to 30°C. The product should be kept away from direct sunlight and other sources of heat. No incompatibility is expected between the product and other substances. However, contact with strongly oxidising materials should be avoided

### 7.3 SPECIFIC END USE

The product is used by applying it to a rotating wheel, mop or pad. Protective measures as described in SECTION 8 should be heeded and care in the application of compound will help maintain cleanliness in the workplace. See also SECTION 12 of this SDS ' Ecological Information'

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## **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **8.1 CONTROL PARAMETERS**

#### **8.1.1 NATIONAL LIMIT VALUES**

The only applicable control parameter is the concentration of airborne dust generated during use. The currently applicable control parameter is the Occupational Exposure Limit (OEL) Aluminium Oxide may be released during use and this is subject to the Occupational Exposure Limits given below. The values shown are taken from the HSE Guidance Notes “*Workplace Exposure Limits*” (reference EH40/2005, Fourth Edition, 2020), Fourth IOELV Directive also applies which has the same limits (Indicative Occupational Exposure Limits – IOEL)

#### **8.1.2 OCCUPATIONAL EXPOSURE LIMIT VALUES**

Aluminium Oxide	OEL / IOEL
Total Inhalable dust	10mg/m <sup>3</sup>
Respirable dust	4mg/m <sup>3</sup>

#### **8.1.3 INFORMATION ON MONITORING PROCEDURES**

No additional information available

### **8.2 EXPOSURE CONTROLS**

#### **8.2.1 ENGINEERING CONTROLS**

Local Exhaust Ventilation should be provided to maintain exposure below the OEL during use where LEV is not available, protective equipment should be employed as described in SECTION 8.2.2:

#### **8.2.2 INDIVIDUAL PROTECTION MEASURES**

**Respiratory protection:** A disposable dust mask is adequate  
**Hand protection:** Canvas gloves are desirable for protection primarily against rotating machinery and risk of abrasion  
**Eye protection:** Goggles or safety glasses with side-shields  
**Skin protection:** No further skin protection should be necessary but a barrier cream may be advisable for individuals with sensitive skin  
**General:** Overalls should be worn and changed when contaminated

#### **8.2.2 ENVIRONMENTAL EXPOSURE CONTROLS**

Other than keeping away from drains, water and soil, there are no specific requirements

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Safety Data Sheet

# Auto Coarse Flatting Liquid

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	White liquid
Odour:	Slight, soap-like
Odour threshold:	More perceptible when warm
pH:	>7
Melting point:	Not applicable
Boiling point:	>80°C
Flash point:	Not determined
Evaporation rate:	No data available
Flammability:	Not applicable; product is non-flammable
Flammability limits:	Not applicable; product is non-flammable
Vapour pressure:	3.17KPa @ 25°C
Vapour density:	No data available
Specific gravity at 20°C	1.10 – 1.50g/cm <sup>3</sup>
Water solubility:	Miscible emulsion
Partition coefficient <i>n</i> -octanol/water	No data available
Auto-ignition temperature:	>350°C
Decomposition temperature:	Unknown
Viscosity:	100000 – 900000mPa.S
Explosive properties:	Not applicable; product is not explosive
Oxidising properties:	Not applicable; product is non-oxidising

### **9.2 OTHER INFORMATION**

None

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## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 REACTIVITY**

None under normal conditions

### **10.2 CHEMICAL STABILITY**

Stable under normal conditions



Safety Data Sheet

# Auto Coarse Flatting Liquid

## 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

None under normal use

## 10.4 CONDITIONS TO AVOID

Avoid storage at temperatures below 5°C or above 30°C

## 10.5 INCOMPATIBLE MATERIALS

Oxidising substances

## 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

None

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- |                                    |  |
|------------------------------------|--|
| a) Acute toxicity:                 | Based on available data, the classification criteria are not met |
| b) Skin corrosion/irritation:      | Based on available data, the classification criteria are not met |
| c) Serious eye damage/irritation:  | Based on available data, the classification criteria are not met |
| d) Respiratory/skin sensitisation: | Based on available data, the classification criteria are not met |
| e) Germ cell mutagenicity:         | Based on available data, the classification criteria are not met |
| f) Carcinogenicity:                | Based on available data, the classification criteria are not met |
| g) Reproductive toxicity:          | Based on available data, the classification criteria are not met |
| h) STOT-single exposure:           | Based on available data, the classification criteria are not met |
| i) STOT-repeated exposure:         | Based on available data, the classification criteria are not met |
| j) Aspiration toxicity:            | Based on available data, the classification criteria are not met |

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## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 TOXICITY

None

### 12.2 PERSISTENCE AND BIODEGRADABILITY

Readily biodegradable



Safety Data Sheet

# Auto Coarse Flatting Liquid

## 12.3 BIOACCUMULATIVE POTENTIAL

None

## 12.4 MOBILITY IN SOIL

Negligible

## 12.5 RESULTS OF PBT AND vPvB ASSESSMENT

Not relevant.

## 12.6 OTHER ADVERSE EFFECTS

The product has no potential for ozone depletion

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 PRODUCT/PACKAGING DISPOSAL

The product, its packaging and its residues present no environmental hazards and can be disposed of as non-hazardous waste

### 13.2 WASTE TREATMENT METHODS

No special considerations are required. Waste should be disposed of in compliance with local regulations

### 13.3 SEWAGE DISPOSAL

In the unlikely event of the product finding its way into sewage, no special considerations are required

### 13.4 OTHER DISPOSAL RECOMMENDATIONS

The user should refer to the local, national and European provisions regarding waste disposal. See also SECTION 12 of this SDS 'Ecological Information'

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Safety Data Sheet

# Auto Coarse Flattening Liquid

## **SECTION 14: TRANSPORT INFORMATION**

14.1	UN Number	Not applicable
14.2	UN proper shipping name	Not applicable
14.3	Transport hazard class(es)	Not applicable
14.4	Packing group	Not applicable
14.5	Environmental hazards	Not applicable
14.6	Special precautions for user	Not applicable
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not applicable
14.8	Other relevant information	The product is not classified as a Dangerous Goods for any mode of transport

## **SECTION 15: REGULATORY INFORMATION**

### **15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE PRODUCT**

Contains no REACH substances with Annex XVII restrictions

Contains no substances on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No.649/2012 of the European Parliament and of the Council of 4<sup>th</sup> July 2012 concerning the export or import of hazardous chemicals

Contains no substance subject to Regulation (EU) No.2019/1021 of the European Parliament and of the Council of 20<sup>th</sup> June 2019 concerning persistent organic pollutants

### **15.2 CHEMICAL SAFETY ASSESSMENT**

A Chemical Safety Assessment was not necessary for this product. According to Regulation (EC) 1272/2008 [CLP] no health and safety information is necessary on the label.

See also SECTION 12 of this SDS 'Ecological Information'

## **SECTION 16: OTHER INFORMATION**

### **SOURCES OF KEY DATA USED TO COMPILE THIS SDS**

Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16<sup>th</sup> December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006



**Safety Data Sheet**

# **Auto Coarse Flatting Liquid**

## **DISCLAIMER**

**This information is based on our current knowledge and is intended to describe the product named at SECTION 1.1 for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product**

### **CUSTOMER SERVICE**

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