

MEECO MFG CO LLC
Safety Data Sheet

according to Regulation (EC) No 1907/2006

Wooly Firestarters

Print date 04/08/19

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

1.1. Product identifier

Wooly Firestarter: Product 423 series

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

Use of the substance/mixture

Firelighter for domestic use

1.3. Details of the supplier of the safety data sheet

Company name: MEECO MFG CO LLC

Street: 19704 60th Ave NE, Suite 102

Place: Arlington, WA 98223

Telephone: 206.262.8340

Fax: 206.262.8343

e-mail: info@meecomfg.com

Contact person:

e-mail: info@meecomfg.com

Internet: www.meecomfg.com

1.4. Emergency telephone: 206.262.8340

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

No classification

2.2. Label elements

Hazard pictograms

Hazard statements none

2.3. Other hazards

Physico-chemical hazards Combustible.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition/information on ingredients

Chemical characterization:

This product is a mixture.

Comment on component parts:

No dangerous components

Substances of very high concern. SVHC: substances are not contained or below 0,1 %

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Not applicable
Inhalation	Provide fresh air. In case of event seek medical treatment.
skin contact	When contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.
eyes contact	Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, seek medical treatment.
After ingestion	Seek medical advice immediately.

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

None known

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, dry powder, water spray jet, carbon dioxide

Extinguishing media which must not be used for safety reasons

Full water jet.

5.2. Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3. Advice for firefighters

Use self-contained breathing apparatus
Do not inhale explosion and/or combustion gases.

Fire residues and contaminated firefighting water must be disposed in accordance with the local regulations.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition

6.2. Environmental precautions

Do not discharge into the drains/ surface waters/groundwater

6.3. Methods and material for containment and cleaning up

Take up mechanically. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

See section 8 + 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No special measures necessary if used correctly.
The product is combustible.
Wash hands before breaks and after works.
Use barrier skin cream.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground
Do not store together with food and animal food/diet.
Keep container in a well-ventilated place
Protect from heat/overheating.
Store in a dry place

7.3. Specific end use(s)

See product use Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Range (%)	substances
0-50	Paraffin waxes and hydrocarbon waxes
	CAS: 8002-74-2, EINECS/ELINCS: 232-315-6, Reg-No: 01-2119488076-30-XXXX
	Long-term exposure: 2 mg/m ³
	Short-term exposure: (15-minute): 6 mg/m ³

8.2. Exposure controls

Additional advise on system design

Ensure adequate ventilation on workstation

Eye protection

Safety glasses

Hand protection

butyl rubber, >120 min (EN374)

The details concerned are recommendations. Please contact glove supplier for further information

Skin protection

Not required under normal conditions

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Other	Avoid contact with eyes Personal protective equipment should be selected specifically for working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	not required under normal conditions
Thermal hazards	yes
Delimitation and monitoring of the environment exposition	See section 6+7

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	beige
Odour:	characteristic
Odour threshold	not required
Ph-value	not applicable
Ph-value (1%)	not applicable
Boiling point (°C)	not applicable
Flash Point (°C)	>= 220
Flammability (solid, gas) (°C)	<2,2 mm/s (A10)
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Oxidizing properties	No
Vapour pressure/gas pressure (kPa)	not applicable
Density (g/ml)	not determined
Bulk density (kg/m ³)	not applicable
Solubility in water	virtually insoluble
Partition coefficient (n-octanol/water)	not determined
Viscosity	not applicable
Relative vapour density determined in air	not applicable
Evaporation speed	not applicable
Melting point (°C)	not determined
Autoignition temperature (°C)	not determined
Decomposition temperature (°C)	not determined

9.2. Other information

None

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SECTION 10: Stability and reactivity

10.1. Reactivity

Y No dangerous reactivity under regular conditions.

10.2. Chemical stability

The product is stable when stored and handled appropriately.

10.3. Possibility of hazardous reactions

Reactions with strong oxidizing agents

10.4. Conditions to avoid

See section 7.2.

10.5. Incompatible materials

Oxidizing agents

10.6. Hazardous decomposition products

No hazardous decomposition products known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Serious eye damage/irritation	not determined
Skin corrosion/irritation	not determined
Respiratory or skin sensitization	not determined
Specific target organ toxicity – single exposure	not determined
Specific target organ toxicity – repeated exposures	not determined
Mutagenicity	not determined
Reproduction toxicity	not determined
Carcinogenicity	not determined
General remarks	no classification on the basis of the calculation procedure of the preparation Directive. Toxicological data of complete product are not available.

SECTION 12: Ecological information

12.1. Toxicity

Y

12.2. Persistence and degradability

Behavior in environment compartments	not determined
Behavior in sewage plant	not determined
Biological degradability	the product is biodegradable

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

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12.5. Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6. Other adverse effects

No classification on the basis of the calculation procedure of the preparation directive

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product local authorities	Disposal in an incineration plant in accordance with the regulations of the local authorities
Waste no (recommended)	150203
Contaminated packaging be taken for recycling	Uncontaminated packaging may be taken for recycling
Waste no (recommended)	150102

SECTION 14: Transport information

14.1 UN number

See section 14.2. in accordance with UN shipping name

14.2. UN proper shipping name

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS " DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS " DANGEROUS GOODS"

14.3. Transport hazard class(es)

See section 14.2. in accordance with UN shipping name

14.4. Packing group

See section 14.2. in accordance with UN shipping name

14.5 Environmental hazards

See section 14.2. in accordance with UN shipping name

14.6 Special precautions for user

Relevant information under section 6 to 8

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14.7 Transport in bulk according to Annex II of Maprol and IBC Code
Not applicable

SECTION 15: Regulatory information

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

EEC-Regulations	1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008 75/324/EEC (2008/47/EC); 453/2010/EC; (EU) 2015/830
Transport-regulations	DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2015)
National regulations (GB)	EH40/2005 Workplace exposure limits (second edition, published December 2011) CHIP 3/ CHIP 4
- Observe employment restrictions for people	none
- VOC (1999/13/CE)	0%

15.2. Chemical Safety Assessment

For this product a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1. Abbreviations and acronyms:

ADR = Accord Européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC 50 = Inhibition concentration, 50%
IMDG = International Maritime Code of Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC 50 = Lethal concentration, 50%
MAPROL = International Convention for the Prevention of Marine Pollution from Ships
PBT = Persistent, Bioaccumulative and toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
TLV®/TWA = Threshold limit value – time-weighted average
TLV®/STEL = Threshold limit value – short time exposure limit
VOC = Volatile Organic Compounds
Vp Vb = very Persistent and very Bioaccumulative

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16.2. Other information

Classification procedure

Modified position

None