

**SAFETY DATA SHEET**

Sheet: 436

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Reg. EC/1907/2006 - Reg. (EU) n. 830/2015

Issue: 05/03/2015

Version 1.1

Revision: 23/02/2017

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

1.1. Product identifier: MARINE ATOMIC CUT RUBBING COMPOUND - LF MAC436

UFI:TA2D-P0WQ-200C-RST0

1.3 Relevant identified uses of the substance or mixture and uses advised against: RUBBING COMPOUND FOR SURFACE TREATMENT NAUTICAL USE

1.3. Details of the supplier of the safety data sheet: LEVEL Finish LLC 1161N 1210W. STE 200 St. George, UT 84770 USA. For further information concerning the use of this safety data sheet please phone 1(844) 340-5567

Chemical technician in charge of the safety data sheet: office@level-finish.com

1.4. Emergency telephone number: Chemtrec 1(800) 424-9300

**SECTION 2: Hazard identification**

2.1. Classification of the substance or mixture.

In compliance with Reg. EC 1272/2008 the mixture is classified not dangerous.

2.2. Label elements:

Label applied in compliance with Reg. EC n.1272/2008:

Hazard pictograms: none

Signal word: none

Hazard Statements: none

Precautionary Statements: none



Supplementary label elements: EUH210 Safety data sheet available on request.

2.3 Other hazards

None of the components of the mixture satisfy the criteria for the identification of PBT and vPvB.

**SECTION 3: Composition / information on ingredients**

3.2. Mixtures: Dangerous components (classification according to Reg. (EC) n. 1272/2008)

Denomination	N° CAS	Conc. % in weight	Classification according to Reg. (EC) n. 1272/2008			Note
	N° reg. ECHA		Hazard class and category	Pictograms and labeling codes	Hazard statement code	
	N° CE					
distillates (petroleum), hydrotreated light	64742-47-8	5 ÷ 10 %	Asp. Tox. 1		H304	
	01-2119484819-18					
	265-149-8					
Mixture of hydrocarbons, C11-C13, isoalkanes, hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	01-2119456810-40	5 ÷ 10 %	Asp. Tox. 1		H304 EUH066	P
	01-2119456377-30					
	920-901-0 927-676-8					

Note P: the substance is not classified as carcinogenic and mutagenic because it contains less than 0,1% of benzene in weight.

**SECTION 4: First aid measures**

4.1. Description of first aid measures

- Inhalation. Remove the patient to a well aired place, keep him warm and make him rest. If respiration is irregular or has stopped, give him artificial respiration. In case of loss of consciousness, keep him in a restful position and consult a doctor.
- Skin contact. Immediately remove contaminated garments. Wash the parts involved very thoroughly with soap and water or with an appropriate detergent. Do not use solvents or thinners.
- Eye contact. Rinse with plenty of fresh water for at least 15 minutes keeping the eyelids wide open. Remove contact lenses, if present and easy to do. If necessary, call a specialist.
- Swallowing. In case of accidental swallowing, consult a doctor immediately. Make the patient rest. Do not induce vomit.

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

Eye contact causes irritation and rash. The inhalation of vapours may cause moderate irritation of the upper respiratory tract, drowsiness and dizziness. Skin contact may cause moderate irritation. Ingestion may cause abdominal pain, smarting, nausea and vomit.

4.3. Indication of any immediate medical attention and special treatment needed: No further relevant indication.

**SECTION 5: Firefighting measures**

5.1. Extinguishing media: Extinguish with carbon dioxide, powders, foam, sprayed water. Do not use water jets.

5.2. Special hazards arising from the substance or mixture: combustion can develop toxic fumes containing carbon monoxide and nitrogen oxides.

5.3. Advice for firefighters: Cool with sprayed water any closed containers exposed to the fire. Do not breath fumes developed from the fire or wear breathing apparatus. Prevent extinguishing liquids from entering sewer systems or water courses.

#### **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures: Do not breathe in vapours, use the personal protective equipment for person/eyes and respiratory tract. Keep away any source of ignition and ventilate the area. Vapours are heavier than air and may form flammable mixtures along the ground: provide adequate ventilation.

6.2. Environmental precautions: Prevent spills from entering manholes and drains.

6.3. Methods and material for containment and cleaning up: In case of accidental spillage, check and absorb any spilled product with sand and inert materials. Put the contaminated material into tight containers and dispose of as waste according to laws in force. Use no-sparking tools. If the material is to be recovered by aid of aspirators, keep away possible sources of ignition. Do not throw waste material into the sewer system. Clean the area involved with water or detergent liquid. Do not use any solvents.

6.4. Reference to other sections: see also sections 8 and 13.

#### **SECTION 7: Handling and storage**

7.1. Precaution for safe handling: Ensure an adequate ventilation and/or localised suction systems in working areas. The material can accumulate static charges which may cause sparks (sources of ignition). Use proper procedures of storage and grounding. Use only in well-ventilated areas. For personal protective devices see section 8. Do not smoke, eat or drink in working areas.

7.2. Condition for safe storage, including any incompatibilities: Store between 15 and 25°C in a dry and well aired place. Keep containers well closed and away from heat sources, sparks and open flames. Do not smoke. Do not allow access to the storage area to unauthorized persons. Keep away from oxidative agents, peroxides, strong acids. Open the containers slowly to control possible pressure losses. Store in a cool and well-ventilated place. Always use packaging of the same type as the original ones. Definitive storage package, package for decanting and related equipment must be grounded to prevent accumulation of electrostatic charges.

Compatible packaging materials and coatings (chemical compatibility): carbon steel; stainless steel; polyethylene; polypropylene; polyester; PTFE.

Not compatible materials and coatings: natural rubber; butyl rubber; polystyrene.

7.3. Specific end use(s): No further relevant indication.

#### **SECTION 8: Exposure control / personal protection**

8.1. Control parameters

Professional Exposure Limits:	ACGIH 2014				Note	DIR 2009/161/EU				Note
	TLV - TWA (1)	STEL (2)	TLV - TWA (1)	STEL (2)		TLV - TWA (1)	STEL (2)			
Component	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
none of the components are subject to exposure limits	-----	-----	-----	-----		-----	-----	-----	-----	

1) Limit for long exposure

2) Limit for short exposure

8.2. Exposure controls

Protection of respiratory tract: The workplaces have to be adequately ventilated. Workplaces have to be equipped with localised suction systems. In working places with insufficient ventilation, it is essential to use protection systems for the respiratory tract, such as masks with filter of the type A according to UNI EN 141 regulations. Adopt explosion-proof ventilation systems.

Hands protection. Wear PVF or nitrile rubber gloves for brief contact (recommendation: at least protective index 2, corresponding to > 30 min. permeation according to EN374).

Eyes protection. Safety glasses with side shields (frame goggles for example. EN 166).

HYGENIC MEASURES: Do not breathe vapours – Avoid contact with skin and eyes – Keep away from food and drinks – Before breaks and at the end of work wash hands - Remove contaminated garments and wash them before use them again. Persons with an inclination to skin affections and other signs of skin hypersensitivity must avoid any contact with the product. Use anti-static working clothes.

#### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Appearance:	white dense gel
Odour:	characteristic
Odour threshold:	data not available for the mixture
pH:	n.a.
Melting point:	data not available for the mixture
Flash point:	> 100°C [ASTM D-56]
Evaporation rate:	data not available for the mixture
Flammability limits:	data not available for the mixture

Vapour pressure:	data not available for the mixture
Boiling range:	data not available for the mixture
Vapour density:	data not available for the mixture
Density (at 20°C):	1.492 Kg/L
Solubility in water:	partially soluble
Distribution coefficient: n-octanol / water:	data not available for the mixture
Self-ignition temperature:	data not available for the mixture
Decomposition temperature:	data not available for the mixture
Kinematic viscosity:	> 1500 mm <sup>2</sup> /s
Explosive properties:	n.a.
Oxidising properties:	see danger identification section

9.2. Other information: No further relevant indication.

### **SECTION 10: Stability and reactivity**

10.1. Reactivity: no data available

10.2. Chemical stability: The product is stable under the recommended conditions of storage and use (see paragraph 7).

10.3. Possibility of hazardous reactions: If exposed to high temperatures may form explosive mixtures vapour/air.

10.4. Conditions to avoid: heat, flames and sparks.

10.5. Incompatible materials: strong alkalis and strong acids, oxidizing agents, isocyanates, anhydrides.

10.6. Hazardous decomposition products: none under normal condition of use; If exposed to high temperatures, it can give rise to hazardous decomposition products, such as carbon monoxide.

### **SECTION 11: Toxicological information**

11.1. Information on toxicological effects:

Acute toxicity of petroleum Distillates:	LD <sub>50</sub> oral rat	> 5000 mg/Kg
	LC <sub>50</sub> inhaling rat	5,2 mg/L/4h

No specific data is available on the preparation itself.

The exposure to concentrations in air exceeding recommended limits can cause irritation to eyes, respiratory tract, and effects on the central nervous system (narcosis).

Frequent and prolonged skin contact may cause dermatitis.

The viscosity of the preparation mitigates the risk of an aspiration into the respiratory tract due to swallowing and vomit: In case of any swallowing of the product, there might result lung damages caused by solvent naphtha (petroleum).

### **SECTION 12: Ecological information**

12.1 Toxicity: no specific data is available on the mixture.

12.2 Persistence and degradability: no specific data is available on the preparation; mixture components are partially biodegradable and compatible with biological treatment in waste treatment plants.

12.3. Bioaccumulative potential: the mixture components have low bioconcentration potential.

12.4. Mobility in soil: no specific data available on the preparation.

12.5. Results of PBT and vPvB assessment: The mixture does not contain substances considered PBT or vPvB.

12.6 Other adverse effects: data not available.

### **SECTION 13: Disposal considerations**

13.1. Waste treatments methods: Do not discharge the product or residues of treatment into sewer systems or water courses. Waste has to be disposed of in compliance with D. Lgs. Regulations of 3 April 2006, n. 152 (European Directives 91/156/EEC, 91/689/EEC and 94/62/EC). Waste may be treated in waste water depuration plants or in incineration plants. Contaminated containers: Empty containers should be taken for recycling, recovery or disposal as waste.

### **SECTION 14: Transport information**

THE PRODUCT IS NOT CLASSIFIED DANGEROUS FOR TRANSPORT PURPOSES.

### **SECTION 15: Regulatory information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. The components of the mixture are included in Annex I of Dir. 96/82/EC (Seveso). The preparation itself does not fall within the scope of Directives 1999/13/EC and 2004/42/EC on limits for the emissions of volatile organic compounds (VOC) in vehicles refinishing products (Annex II, B).

15.2. Chemical safety assessment: no assessment on chemical safety has been carried out for the mixture.

### **SECTION 16: Other information**

Revision for adaptation in compliance with Reg. (EU) n. 830/2015.

The mixture is not classified dangerous in compliance with Reg. (EC) 1272/2008.

Full text of the hazard and precautionary statements indicated at section 3:

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.



## Legislation of reference in Italy:

D.M. 28/4/1997 – D.M. 28/02/2006 - Classification and labelling of dangerous substances.  
D.Lgs. 14/03/2003 – D.Lgs. 28/07/2004 Classification and labelling of dangerous preparations.  
D.M. 7/9/2002 - Safety Data Sheets  
D.P.R. 547/55 - D.P.R. 303/56 - D. Lgs. 81/08 – Industrial prevention, security and hygiene  
D.Lgs. 152/2006- environmental code.

Legend: TLV-TWA (Threshold Limit Value-Time Weighted Average), TLV-STEL (Threshold Limit Value-Short Term Exposure Limit).

The data contained in this safety sheet are based on our current knowledge and are supplied in compliance with Reg. (EU) n. 830/2015, Annex II. The product must not be used for purposes which are different from those indicated under point 1 prior to having obtained specific written instructions. No responsibility is taken for any improper use. It is always the user's liability to conform to the regulations of hygiene, safety and environmental protection foreseen by laws in force. The information contained in this safety data sheet is to be understood as a description of the product for safety purposes, it is not to be considered as a guarantee of its properties.

