

## Safety Data Sheet dated 6/12/2017, version 1

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

1.1. Product identifier

Mixture identification

Trade name: METEOR EXTRA SOLV

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

Recommended use:

Solvent protective wax.

Professional use (SU22)

PC31 - Polish and wax mixtures

Uses advised against:

Different uses than recommended. Do not use in combination with other products.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

SUTTER INDUSTRIES s.p.a. - Società con Unico Socio

15060 Borghetto Borbera (AL) Italia

Tel. +39 0143 631.1

Competent person responsible for the safety data sheet:

regulatory.affairs@sutter.it

1.4. Emergency telephone number

+39 0143 631.1 mon-fri 9.00/17.00

### **SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

- Warning, Flam. Liq. 3, Flammable liquid and vapour.
- Warning, STOT SE 3, May cause drowsiness or dizziness.
- Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:







Danger

Hazard statements:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



P233 Keep container tightly closed.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P310 Immediately call a POISON CENTER or doctor/physician.

P370+P378 In case of fire, use a dry powder fire extinguisher to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH210 Only for professional use. Safety data sheet available on request.

Contains

HYDROCARBONS, C9-11, ALKANES

Special provisions according to Annex XVII of REACH and subsequent amendments: None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

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

3.1. Substances

Not Applicable, the product is a mixture.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification: >= 90% HYDROCARBONS, C9-11, ALKANES

REACH No.: 01-2119463258-33, EC: 919-857-5

2.6/3 Flam. Liq. 3 H226

(1) 3.8/3 STOT SE 3 H336

3.10/1 Asp. Tox. 1 H304

**EUH066** 

#### **SECTION 4: First aid measures**

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

Until revison date of this document, are unknown chronic effects from the mixture contact with skin, eyes, inhalation, ingestion.



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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### **SECTION 5: Firefighting measures**

5.1. Extinguishing media

Suitable extinguishing media:

In case of fire, use a dry powder fire extinguisher to extinguish.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

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

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water. To converge the product in containment tanks.

6.4. Reference to other sections

See also section 8 and 13

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

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store away from sunlight.



Store in a place with flame proof system.

Store in a cool and well ventilated place.

Do not store in open or unlabeled containers.

Store away from heat sources.

Always keep in a well ventilated place.

Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

See section 10.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular, see paragraph 1.2

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

#### 8.1. Control parameters

Until the revision date of this document, no experimental data are available for the mixture. elow, listed occupational exposure limits, if available, for the components listed in paragraph 3.2

HYDROCARBONS, C9-11, ALKANES

ACGIH - TWA(8h): 1200 mg/m3, 197 ppm - Notes: RCP (total hydrocarbons)

#### **DNEL Exposure Limit Values**

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the DNEL exposure limits, if available, for the components listed in paragraph 3.2.

HYDROCARBONS, C9-11, ALKANES

Worker Industry: 208 mg/kg - Consumer: 125 mg/kg - Exposure: Human Dermal -

Frequency: Long Term. systemic effects - Notes: bw/day

Consumer: 125 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic

effects

Worker Industry: 871 mg/m3 - Consumer: 185 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the PNEC exposure limits, if available, for the components listed in paragraph 3.2.

Not applicable

#### 8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton (EN 14605 in case of splashes or EN 13982 in case of dust)

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. (EN 388 - EN 374 protection factor 6, corresponding to a breakthrough time >480 minutes).



Due to great diversity of types, observe the operating instructions of the manufacturer with respect to substances listed in paragraph 3.2.

# Respiratory protection:

Use adequate protective respiratory equipment. (eg. EN 140 or EN 149 type FFP3) Thermal Hazards:

The product is flammable.

The product is not explosive - see paragraph 2.1. The product contains no explosive components.

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### Environmental exposure controls:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 6.2.

### Appropriate engineering controls:

No further technical checks suitable for your product under normal conditions.

See also section 1.2, section 7 and Exposure Scenario - Annex I of this document.

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

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Opaque liquid, yellow	Visual	
Odour:	Honey	Olfactory	
Odour threshold:	Evident	Olfactory	
pH:	Not Relevant		Parameter not relevant for product composition.
Melting point / freezing point:	Not Relevant		Parameter not relevant for the type of product
Initial boiling point and boiling range:	Not Relevant		Parameter not relevant for the type of product
Flash point:	36 ° C		Estimated value on chemical / physical properties of components
Evaporation rate:	Not Relevant		Parameter not relevant for the type of product
Solid/gas flammability:	Not Relevant		Parameter not relevant for the type of product
Upper/lower flammability or explosive limits:	Not Relevant		Parameter not relevant for the type of product
Vapour pressure:	Not Relevant		Parameter not relevant for the type of product
Vapour density:	Not Relevant		Parameter not relevant for the type of product
Relative density:	0.785 g/ml	Instrumental control	
Solubility in water:	None		Estimated value on chemical / physical properties of components
Solubility in oil:	Total		Estimated value on chemical / physical properties of components



Partition coefficient (n-octanol/water):	> 1000	 Value estimated based on the solubility of the mixture.
Auto-ignition temperature:	Not Relevant	 Parameter not relevant for the type of product
Decomposition temperature:	Not Relevant	 Parameter not relevant for the type of product
Viscosity:	< 10 cP	 Estimated indicative value. Not viscous mixture.
Explosive properties:	Not Relevant	 Parameter not relevant for product composition.
Oxidizing properties:	Not Relevant	 Parameter not relevant for product composition.

#### 9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Relevant		Parameter not relevant for the type of product
Fat Solubility:	Not Relevant		Parameter not relevant for the type of product
Conductivity:	Not Relevant		Parameter not relevant for the type of product
Substance Groups relevant properties	Not Relevant		Parameter not relevant for the type of product

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

#### 10.1. Reactivity

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

#### 10.2. Chemical stability

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### 10.3. Possibility of hazardous reactions

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. See also scetion 7.2.

#### 10.4. Conditions to avoid

Different uses than recommended. Do not use in combination with other products. See also 1.2 and 7.2

#### 10.5. Incompatible materials

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

#### 10.6. Hazardous decomposition products

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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

11.1. Information on toxicological effects
Toxicological information of the product:
 METEOR EXTRA SOLV
 a) acute toxicity



Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

The product is classified: STOT SE 3 H336

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

The product is classified: Asp. Tox. 1 H304

Toxicological information of the main substances found in the product:

Below are reported, if available, the toxicological information of the components listed in paragraph 3.2.

HYDROCARBONS, C9-11, ALKANES

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 4951 mg/m3 - Duration: 4h - Source:

OCSE 403

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OCSE 401

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Source: OCSE 402

b) skin corrosion/irritation:

Test: Skin Irritant Negative - Source: OCSE 404

c) serious eye damage/irritation:

Test: Eye Irritant Negative - Source: OCSE 405

d) respiratory or skin sensitisation:

Test: Skin or Resp. Sensitization Negative

e) germ cell mutagenicity:

Test: Mutagenesis Negative

f) carcinogenicity:

Test: Carcinogenicity Negative

i) STOT-repeated exposure:

Test: Repeated exposure Negative

j) aspiration hazard:

Test: Aspiration hazard Yes

## **SECTION 12: Ecological information**

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.



Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

#### METEOR EXTRA SOLV

Not classified for environmental hazards

Based on available data, the classification criteria are not met

#### HYDROCARBONS, C9-11, ALKANES

a) Aquatic acute toxicity:

Endpoint: LL50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: LE0 - Species: Daphnia = 1000 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: EL50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella subcapitata

Endpoint: NOELR - Species: Algae = 100 mg/l - Duration h: 72 - Notes:

Pseudokirchneriella subcapitata

#### 12.2. Persistence and degradability

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

HYDROCARBONS, C9-11, ALKANES

Biodegradability: Readily biodegradable - Test: Ready biodegradability in water -

Duration: 28 days - %: 80

The surfactant(s) contained in this preparation complies with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents. All supporting data are kept available to the competent authorities of the Member States and will be provided to those authorities if they so request or at the request of a detergent manufacturer.

#### 12.3. Bioaccumulative potential

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

Not applicable

# 12.4. Mobility in soil

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

Not applicable

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

vPvB Substances: None - PBT Substances: None

#### 12.6. Other adverse effects

Until the revision date of this document, unknown adverse effects and symptoms towards the environment.

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

# 13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force. Do not discharge into the ground or into drains.

See also section 6

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





14.1. UN number

ADR-UN Number: 3295 IATA-UN Number: 3295 IMDG-UN Number: 3295

14.2. UN proper shipping name

ADR-Shipping Name: HYDROCARBONS, LIQUID, N.O.S. (hydrocarbons, c9-11,

alkanes)

IATA-Shipping Name: HYDROCARBONS, LIQUID, N.O.S. (hydrocarbons, c9-11,

alkanes)

IMDG-Shipping Name: HYDROCARBONS, LIQUID, N.O.S. (hydrocarbons, c9-11,

alkanes)

14.3. Transport hazard class(es)

ADR-Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3
ADR/IATA/IMDG-Label: 3
IMDG-Class: 3

14.4. Packing group

ADR-Packing Group: III IATA-Packing group: III IMDG-Packing group: III

14.5. Environmental hazards

ADR-Enviromental Pollutant: No IMDG-Marine pollutant: No

14.6. Special precautions for user

ADR-Subsidiary risks: - ADR-S.P.: -

ADR-Transport category (Tunnel restriction code): D/E

IATA-Passenger Aircraft: 355
IATA-Subsidiary risks: IATA-Cargo Aircraft: 366
IATA-S.P.: IATA-ERG: 3L

IMDG-EmS: F-E , S-D

IMDG-Subsidiary risks: -

IMDG-Stowage and handling: Category A

IMDG-Segregation:

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830



Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions:

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1
Product belongs to category: P5c

#### 15.2. Chemical safety assessment

No, for instructions on safe mangling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

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

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 3, H226	On basis of test data
STOT SE 3, H336	Calculation method
Asp. Tox. 1, H304	Calculation method

This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.



It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of

Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical

Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EC0/10/20/50/100: Effective concentration, for 0/10/20/50/100 percent of test

population.

EINECS: European Inventory of Existing Commercial Chemical

Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of

Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport

Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation

Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC0/10/20/50/100: Lethal concentration, for 0/10/20/50/100 percent of test

population.

LD0/10/20/50/100: Lethal dose, for 0/10/20/50/100 percent of test population.

NOEC: No Observed Effect Concentration

NOAEL(R)/NOAEC: No Observed Adverse Effect Level(Repeated)/Concentration OECD: Organisation for Economic Co-operation and Development

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous

Goods by Rail.

STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWA: Time-weighted average
WGK: German Water Hazard Class.



# ANNEX I PROFESSIONAL PRODUCT – WAX AND POLISH

Title of exposure scenario			
Polish product: Manual process			
Use description			
Sector Use	SU22 – Professional use		
Product Category	PC31 – Polish and wax mixtures		
Description of activities/process considered on exposure scenario.			
Use following the use instruction as specified on the label.			
Leave on.			
Rinse, if necessary.			
Frequency and duration			
Use phase	monthly average use, depending on the surfaces to treat.		
Relevant limit values of ingredients, if available, are stated in section	on 8 of the SDS.		
Physical appearence and concentration			
Liquid. Ready to use.			
In section 2 of the SDS of product and on the label the classification of mixture is provided.			
Mixture classification is based on ingredients classification and on	chemical/physical properties stated in section 9 of the SDS of		
product.			
Use conditions			
Room temperature			
Good general ventilation at workplace is sufficient.			
Protection			
See section 8 of the SDS of product to more information on PPE.	Training of worker to use and maintenance of PPE is supposed.		
Don't eat or drink, don't smoke.	Avoid contact with damaged skin.		
No open flame.	Do not use in combination with other products		
Wash hand after use.			
In case of accidental release: dilute with water and dry.			
See section 6 of the SDS in case of accidental release			
Follow use instruction as specified on the label or on technical sheet. Use good occupational hygiene practices as specified in section			
7 on the SDS.			
Environmental measures			
See section 6 of the SDS in case of accidental release			
See section 12 of the SDS for ecotoxicological information of mixture and dangerous ingredients.			
See section 13 of the SDS for disposal considerations.			

Note:

SDS: Safety Data Sheet

PPE: Personal Protection Equipment