



Safety Data Sheet

DACOARSE

Safety Data Sheet dated 30/7/2020, version 2

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

1.1. Product identifier

Mixture identification:

Trade name: 9.DACOARSE
Trade code: 9.DACOARSE/6 – 9.DACOARSE250/12 -
9.DACOARSE5L/2

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

Recommended use:

Abrasive and polishing compound

1.3. Details of the supplier of the safety data sheet

Company:

RUPES SPA - Via Marconi 3A, 20080, Vermezzo (MI) – Italy
RUPES SPA - Telefono n°+3902946941

Competent person responsible for the safety data sheet:

info_rupes@rupes.it

New Zealand Distributor:

Wyatt Machine Tools Rupes (NZ) Limited
388 Church Street, Penrose, Auckland, New Zealand
Ph (09) 525 1000
Email: info@wyatt.co.nz

1.4. Emergency telephone number

For United States, Canada Puerto Rico and Virgin Island: 1-800-255-3924

For China: 400-120-0751

For Brazil: 0-800-591-6042

For India: 000-800-100-4086

For Mexico: 01-800-099-0731

For New Zealand: 0800 992 881 (0800WYATT1)

For Europe and all the other countries: 001-813-248-0585

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms:

None

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Hazard statements:

None

Precautionary statements:

None

Special Provisions:

EUH208 Contains Mixture of: 5-cloro-2metil-2H-Isotiazol-3-one [EC no. 247-500-7];
2-metil-2Hisotiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
EUH210 Safety data sheet available on request.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Substance PBT

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 6.99% - < 10%	Hydrocarbons, C10-C12, isoalkanes, <2% aromatic	EC: 923-037-2 REACH N° : 01-2119471991-29	 2.6/3 Flam. Liq. 3 H226  3.10/1 Asp. Tox. 1 H304 4.1/C4 Aquatic Chronic 4 H413 EUH066
>= 3% - < 5%	Hydrocarbons C12-C16, isoalkanes, cyclics, <2% Aromatics	EC: 927-676-8 REACH N°: 01-2119456377-30	 3.10/1 Asp. Tox. 1 H304 EUH066
>= 1% - < 3%	Aliphatic hydrocarbons, C11-C13, isoalkanes (<0.1% Benzene)	CAS: 246538-78-3 EC: 920-901-0 REACH N°: 01-2119456810- 40 CAS: 246538-78-3	 3.10/1 Asp. Tox. 1 H304 EUH066
<0.0015%	reaction mass of: 5-chloro-2-methyl-4-is othiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	Index number: 613-167-00-5 CAS: 55965-84-9	 3.1/2/Dermal Acute Tox. 2 H310  3.1/2/Inhal Acute Tox. 2 H330  3.1/3/Oral Acute Tox. 3 H301  3.2/1C Skin Corr. 1C H314  3.3/1 Eye Dam. 1 H318  3.4.2/1 Skin Sens. 1 H317



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			 4.1/A1 Aquatic Acute 1 H400  4.1/C1 Aquatic Chronic 1 H410 EUH071
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SECTION 4: First aid measures

- 4.1. Description of first aid measures
- In case of skin contact:
Wash with plenty of water and soap.
- 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 under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
- 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
None
- 4.3. Indication of any immediate medical attention and special treatment needed
Treatment:
None

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
Suitable extinguishing media:
Water fog.
Carbon dioxide (CO₂).
Extinguishing media which must not be used for safety reasons:
None in particular.
- 5.2. Special hazards arising from the substance or mixture
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.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.
- 6.2. Environmental precautions



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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.

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.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

Oxidizing agents

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C10-C12, isoalkanes, <2% aromatic

ACGIH - TWA(8h): 1200 mg/m³

Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatic

EU - TWA(8h): 200 mg/m³ - Notes: Skin

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Eye glasses with side protection.

Protection for skin:

Use clothing that provides a full protection to the skin.

Protection for hands:

Use protective gloves according to EN 374 standards, on the base of the intended use (penetration and permeation).

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None



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Appropriate engineering controls:
None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Blue paste		
Odour:	Characteristic	--	--
Odour threshold:	NA	--	--
pH:	NA	--	--
Melting point / freezing point:	NA	--	--
Initial boiling point and boiling range:	NA	--	--
Flash point:	> 60 °C	--	--
Evaporation rate:	NA	--	--
Solid/gas flammability:	NA	--	--
Upper/lower flammability or explosive limits:	NA	--	--
Vapour pressure:	NA	--	--
Vapour density:	NA	--	--
Relative density:	NA	--	--
Solubility in water:	Partially miscible	--	--
Solubility in oil:	NA	--	--
Partition coefficient (n-octanol/water):	NA	--	--
Auto-ignition temperature:	NA	--	--
Decomposition temperature:	NA	--	--
Viscosity:	>20.5 mm ² /s (40°C)	--	--
Explosive properties:	NA	--	--
Oxidizing properties:	NA	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	NA	--	--
Fat Solubility:	NA	--	--
Conductivity:	NA	--	--
Substance Groups relevant properties:	NA	--	--

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SECTION 10: Stability and reactivity

- 10.1. Reactivity
 - Stable under normal conditions
- 10.2. Chemical stability
 - Stable under normal conditions
- 10.3. Possibility of hazardous reactions
 - None
- 10.4. Conditions to avoid
 - Direct sunlight
 - Extremely temperatures
 - Stable under normal conditions.
- 10.5. Incompatible materials
 - None in particular.
 - Strong oxidizing agents
- 10.6. Hazardous decomposition products
 - None.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
 - Toxicological information of the product:
 - N.A.

Toxicological information of the main substances found in the product:

hydrocarbons, C10-C12, isoalkanes, <2% aromatic

a) acute toxicity:

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

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

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 5000 mg/m³ - Duration: 8h

Hydrocarbons C12-C16, isoalkanes, cyclics, <2% Aromatics

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD401

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 5000 mg/m³ - Duration: 8h -

Source: OECD403

Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg - Source: OECD402

aliphatic hydrocarbons, C11-C13, isoalkanes (<0.1% Benzene)

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5000 mg/kg - Source: ECHA

Test: LD50 - Route: Skin - Species: Rat = 5000 mg/kg - Source: ECHA

Test: LC50 - Route: Inhalation Vapour - Species: Rat = 2500 mg/l - Duration: 4h -

Source: ECHA

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and

2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) - CAS: 55965-84-9

a) acute toxicity:

Test: ATE - Route: Oral = 100 mg/kg

Test: ATE - Route: Skin = 300 mg/kg

Test: ATE - Route: Inhalation Vapour = 3 mg/l

Test: ATE - Route: Inhalation Mist = 0.5 mg/l

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If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
hydrocarbons, C10-C12, isoalkanes, <2% aromatic

a) Aquatic acute toxicity:

- Endpoint: LLO 96H - Species: Fish = 1000 mg/l - Duration h: 96
- Endpoint: ELO 48H - Species: Daphnia = 1000 mg/l - Duration h: 48
- Endpoint: NOELR - Species: Daphnia < 1 mg/l - Duration h: 504
- Endpoint: ELO 48H - Species: Algae = 1000 mg/l - Duration h: 72

Hydrocarbons C12-C16, isoalkanes, <2% Aromatics

a) Aquatic acute toxicity:

- Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: LL50-OECD203-Oncorhynchus mykiss
- Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: EL50 - OECD 202 Daphnia Magna
- Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes: EL50 OECD 201 Pseudokirchnerella subcapitata

b) Aquatic chronic toxicity:

- Endpoint: NOELR 72 h - Species: Daphnia > 1 mg/l - Notes: 21 d OECD 211- dafinia magna

aliphatic hydrocarbons, C11-C13, isoalkanes (<0.1% Benzene)

a) Aquatic acute toxicity:

- Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: ECHA
- Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes: ECHA
- Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: ECHA
- Endpoint: NOEC - Species: Algae = 1000 mg/l - Duration h: 72

12.2. Persistence and degradability

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Biodegradability: Biodegradable

Hydrocarbons, C10-C12, isoalkanes, <2% aromatic

Biodegradability: Not readily biodegradable - Test: Oxygen consumption - Duration: 28 d - %: 41.7 - Notes: ECHA - OECD 301 F

Hydrocarbons C12-C16, isoalkanes, <2% Aromatics



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Biodegradability: Not readily biodegradable - Test: Oxygen consumption - Duration: 28 d - %: 22.4 - Notes: ECHA - OECD 301 F

Hydrocarbons C11-C13, isoalkanes, <2% Aromatics -CAS: 246538-78-3

Biodegradability: Readily biodegradable - Test: Oxygen consumption - Duration: 28 d - %: 89.8 - Notes: ECHA - OECD 301 F

- 12.3. Bioaccumulative potential
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Potentially bioaccumulable
- 12.4. Mobility in soil
N.A.
- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None
PBT Substances: None
Substance PBT
- 12.6. Other adverse effects
None

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

- 14.1. UN number
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name
N.A.
- 14.3. Transport hazard class(es)
N.A.
- 14.4. Packing group
N.A.
- 14.5. Environmental hazards
N.A.
- 14.6. Special precautions for user
N.A.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
N.A.

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) n. 453/2010 (Annex II)
 - Regulation (EU) n. 286/2011 (ATP 2 CLP)
 - Regulation (EU) n. 618/2012 (ATP 3 CLP)



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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)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 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

None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

This mixture is not classified hazardous according to the EPA hazardous substances (classification) notice 2017

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H413 May cause long lasting harmful effects to aquatic life.
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
Aquatic Chronic 4	4.1/C4	Chronic (long term) aquatic hazard, category 4

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



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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.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
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.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
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.