Safety Data Sheet
CLEANER 070

Safety Data Sheet dated 19/1/2023, version 4

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

1.1. Product identifier

Mixture identification:

Trade name: CLEANER 070

Trade code: MIL029

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

1.3. Details of the supplier of the safety data sheet

Company:

N.V.S.C. Srl

VIA S. MARTINO, 6 - 15028 QUATTORDIO (AL) - ITALIA TEL. +39-0131-773403

Competent person responsible for the safety data sheet:

g.venezia@nvsc.it

1.4. Emergency telephone number

National Poison Information Service (NPIS) – Birmingham (UK) –director.birmingham.unit@npis.org
Croatian Insitute for Toxicology and Antidoping – Zagreb (HR) –+385 01 46 41 368
Centro de Informacao Antivenenos Instituto nacional de Emergencia Medica Lisboa (P)- +351 213 303 271
Norwegian Environment Agency – Trondheim (N) - +47 73 58 05 00 Bloemfontein Poison Control and Medicine
Information Centre – Bloemfontein (ZA) - +27 824 910 160
Israel Poison Information Centre – Haifa (IL) - +97 248 541 900
Swiss Toxicogical Information Centre – Zurich (CH) - +41 44 251 51 51
Ryadh Poison Control Center – Riyadh (SA) - +966 111 232 41 89 –pcc-riyadh@moh.gov.sa

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Danger, Flam. Liq. 2, Highly flammable liquid and vapour.

Warning, Eye Irrit. 2, Causes serious eye irritation.

Warning, STOT SE 3, May cause drowsiness or dizziness.

Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
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.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P331 Do NOT induce vomiting.
P370+P378 In case of fire: Use ... to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

Contains

Idrocarburi C9-11 n- iso- alcani ciclici <2% aromatici
n-butyl acetate

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

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

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
>= 30% - < 40%	acetone; propan-2-one; propanone	Index number: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2 REACH No.: 01-2119471330-49	2.6/2 Flam. Liq. 2 H225 3.3/2 Eye Irrit. 2 H319 EUH066 Specific Concentration Limits: C >= 10%: EUH066 C >= 10%: Eye Irrit. 2 H319 C >= 20%: undefined H336
>= 30% - < 40%	n-butyl acetate	Index number: 607-025-00-1 CAS: 123-86-4	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H336

		EC: 204-658-1 REACH No.: 01-2119485493-29	EUH066 Specific Concentration Limits: C >= 10%: EUH066 C >= 20%: STOT SE 3 H336
>= 25% - < 30%	Idrocarburi C9-11 n-iso- alcani ciclici <2% aromatici	EC: 919-857-5 REACH No.: 01-2119463258-33	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H336 3.10/1 Asp. Tox. 1 H304 EUH066 Specific Concentration Limits: C >= 10%: EUH066 C >= 10%: Asp. Tox. 1 H304 C >= 20%: STOT SE 3 H336

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 immediatley and dispose off safely.
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.
Protect uninjured eye.

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

None

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:
None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Water.
Carbon dioxide (CO2).
In case of fire: Use ... 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

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.
Hazardous combustion products:

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

For non emergency personnel:
Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.
For emergency responders:
Wear personal protection equipment.

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.

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.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.
Packaging materials:

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

acetone; propan-2-one; propanone - CAS: 67-64-1

- OEL Type: EPY_TLV-ACGIH - TWA: 1187 mg/m3, 500 ppm - STEL: 1781 mg/m3, 750 ppm
- OEL Type: EPY_OEL - TWA: 1210 mg/m3, 500 ppm
- OEL Type: EPY_TLV - TWA: 300 mg/m3 - STEL: 450 mg/m3
- OEL Type: EU - TWA(8h): 1210 mg/m3, 500 ppm
- OEL Type: ACGIH - TWA(8h): 250 ppm - STEL: 500 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

n-butyl acetate - CAS: 123-86-4

- OEL Type: EPY_TLV-ACGIH - TWA: 713 mg/m3, 150 ppm - STEL: 950 mg/m3, 200 ppm
- OEL Type: EPY_TLV - TWA: 200 mg/m3 - STEL: 300 mg/m3
- OEL Type: ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr
- OEL Type: EU - TWA(8h): 241 mg/m3, 50 ppm - STEL: 723 mg/m3, 150 ppm

DNEL Exposure Limit Values

acetone; propan-2-one; propanone - CAS: 67-64-1

Consumer: 62 06 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 200 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 2420 04 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 1210 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 62 06 - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 186 06 - Exposure: Human Dermal - Frequency: Long Term, systemic effects

n-butyl acetate - CAS: 123-86-4

Consumer: 859.7 04 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Consumer: 102.34 04 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Professional: 960 04 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 480 04 - Exposure: Human Inhalation - Frequency: Long Term, local effects

Idrocarburi C9-11 n- iso- alcani ciclici <2% aromatici

Worker Professional: 208 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 871 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 125 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 185 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 125 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

acetone; propan-2-one; propanone - CAS: 67-64-1

Target: Fresh Water - Value: 106 mg/l
Target: Marine water - Value: 106 mg/l

Target: Freshwater sediments - Value: 304 mg/kg
Target: Marine water sediments - Value: 304 mg/kg
Target: 10 - Value: 21 mg/l
Target: Microorganisms in sewage treatments - Value: 100 mg/l
n-butyl acetate - CAS: 123-86-4
Target: Fresh Water - Value: 18 mg/l
Target: Marine water - Value: 18 mg/l
Target: Freshwater sediments - Value: 981 mg/kg
Target: Marine water sediments - Value: 981 mg/kg
Target: 10 - Value: 36 mg/l
Target: Microorganisms in sewage treatments - Value: 356 mg/l
Target: 09 - Value: 903 mg/kg

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Transparent	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	78°C	--	--
Flammability:	Flam. Liq. 2, H225	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	2°C ° C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition	N.A.	--	--

temperature:			
pH:	N.A.	--	--
Kinematic viscosity:	<= 14 mm2/sec (40 °C)	--	--
Solubility in water:		--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.8 g/ml	--	--
Relative vapour density:	N.A.	--	--

Particle characteristics:

Particle size:	N.A.	--	--

9.2. Other information

Properties	**Value**	**Method:**	**Notes**
Miscibility:	Immiscibile in acqua	--	--

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
Stable under normal conditions.
10.5. Incompatible materials
None in particular.
10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
Toxicological information of the product:
CLEANER 070
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
The product is classified: Eye Irrit. 2 H319
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:
n-butyl acetate - CAS: 123-86-4
a) acute toxicity:
Test: LD50 - Route: EPY_DERMAL EPY_> 5000 - Notes: Rabbit
Test: LC50 - Route: EPY_INHALATION 21.1 - Notes: Rat
Test: LD50 - Route: EPY_ORAL EPY_> 6400 - Notes: Rat

11.2. Information on other hazards
Endocrine disrupting properties:
No endocrine disruptor substances present in concentration >= 0.1%

SECTION 12: Ecological information

12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
CLEANER 070
Not classified for environmental hazards
Based on available data, the classification criteria are not met
12.2. Persistence and degradability
N.A.
12.3. Bioaccumulative potential
N.A.
12.4. Mobility in soil
N.A.
12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
12.6. Endocrine disrupting properties
No endocrine disruptor substances present in concentration >= 0.1%
12.7. Other adverse effects
None

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.

SECTION 14: Transport information

14.1. UN number or ID number
- ADR-UN Number: 1263
- ADR/RID/ADN-UN Number: 1263
- ADR/RID-UN Number: 1263
- ADR/ADN-UN Number: 1263
- IATA-UN Number: 1263
- IMDG-UN Number: 1263

14.2. UN proper shipping name
- ADR-Shipping Name: PAINT RELATED MATERIAL
- ADR/RID-Shipping Name: PAINT RELATED MATERIAL
- ADR/ADN-Shipping Name: PAINT RELATED MATERIAL
- ADR/RID/ADN-Shipping Name: PAINT RELATED MATERIAL
- IATA-Shipping Name: PAINT RELATED MATERIAL
- IMDG-Shipping Name: PAINT RELATED MATERIAL

14.3. Transport hazard class(es)
- ADR-Class: 3
- ADR/RID-Class: 3
- ADR/ADN-Class: 3
- ADR/RID/ADN-Class: 3
- ADR - Hazard identification number: 33
- IATA-Class: 3
- IATA-Label: 3
- IMDG-Class: 3

14.4. Packing group
- ADR-Packing Group: II
- ADR/RID-Packing Group: II
- ADR/ADN-Packing Group: II
- ADR/RID/ADN-Packing Group: II
- IATA-Packing group: II
- IMDG-Packing group: II

14.5. Environmental hazards
- ADR-Enviromental Pollutant: No
- IMDG-Marine pollutant: No
- IMDG-EmS: F-E , S-E

14.6. Special precautions for user
- ADR-Subsidiary hazards: -
- ADR-S.P.: 163 367 640C 650
- ADR-Transport category (Tunnel restriction code): 2 (D/E)
- IATA-Passenger Aircraft: 353

IATA-Subsidiary hazards: -
IATA-Cargo Aircraft: 364
IATA-S.P.: A3 A72 A192
IATA-ERG: 3L
IMDG-Subsidiary hazards: -
IMDG-Stowage and handling: Category B
IMDG-Segregation: -

14.7. Maritime transport in bulk according to IMO instruments

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. 2020/878
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)
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. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)

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

Restrictions related to the product:
Restriction 3
Restriction 40

Restrictions related to the substances contained:
Restriction 75

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 Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
EUH066 Repeated exposure may cause skin dryness or cracking.
H336 May cause drowsiness or dizziness.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
undefined	3.8/4	

This safety data sheet has been completely updated in compliance to Regulation 2020/878.
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. 2, H225	On basis of test data
Eye Irrit. 2, H319	Calculation method
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.
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.
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.
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.