

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Trade name : ESSICLEAN NEW GENERATION
Type of product : Cleaning / stripper product
Product code : 703161

1.2. Recommended use and restrictions on use

Recommended use : Professional use, Cleaning / stripper product

1.3. Supplier

Supplier

Naga
Parc d'Activités de la Sablière
14, avenue de la Sablière
F-94370 Sucy en Brie - France
T +33 1 45 90 71 71 - F +33 1 45 90 65 56
contact@naga.fr - www.naga.fr

Distributor

Essilor Technologies
353 rue Deslauriers
Montréal (Québec) H4N1W2 - Canada

1.4. Emergency telephone number

Emergency number : + 1.866.519.4752 (US, Canada, Mexico) Access Code: 334420

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
Aspiration hazard, Category 1 H304

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) : H304 - May be fatal if swallowed and enters airways.
H336 - May cause drowsiness or dizziness.

Precautionary statements (GHS-CA) : P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting
P312 - Call a doctor if you feel unwell.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification (GHS-CA)
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	(CAS-No.) 64742-48-9	50 - 80	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
(2-methoxymethyletoxy)propanol	(CAS-No.) 34590-94-8	25 - 50	Flam. Liq. 4, H227

Full text of hazard classes and H-statements : see section 16

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according to the Hazardous Products Regulation (February 11, 2015)

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
- First-aid measures after skin contact : When symptoms occur: rinse immediately with plenty of water.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : Vapours may cause drowsiness and dizziness.
- Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact : Direct contact with the eyes is likely to be irritating.
- Symptoms/effects after ingestion : May be fatal if swallowed and enters airways.

4.3. Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

- Suitable extinguishing media : Not flammable. Carbon dioxide, earth, sand, dry chemical powder or foam. Water spray.

5.2. Unsuitable extinguishing media

- No additional information available

5.3. Specific hazards arising from the hazardous product

- Explosion hazard : Prolonged exposure to fire may cause containers to rupture/explode.
- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.
on exposure to temperature rise: release of highly flammable gases/vapours.
- Hazardous combustion products : When exposed to heat, may decompose liberating hazardous gases

5.4. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Eliminate all ignition sources if safe to do so. Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment.
- Precautionary measures fire : Evacuate area. Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Prevent fire fighting water from entering the environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.
- Personal Precautions, Protective Equipment and Emergency Procedures : Wear recommended personal protective equipment. See Heading 8. Evacuate unnecessary personnel. No flames, no sparks. Eliminate all sources of ignition. Cover spill with non combustible material, e.g.: sand/earth. Stop leak if safe to do so. Keep away from combustible material.

6.2. Methods and materials for containment and cleaning up

- For containment : Contain large spillage with sand or earth. Collect spillage.
- Methods for cleaning up : Absorb spilled material with sand or earth.
- Other information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

- For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from sources of ignition - No smoking.
- Additional hazards when processed : To keep the incombustible character of the product, close the flash after every use.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in original container. Keep in a cool, well-ventilated place away from heat.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

(2-methoxymethyletoxy)propanol (34590-94-8)		
Saskatchewan	OEL STEL (ppm)	150 ppm
Saskatchewan	OEL TWA (ppm)	100 ppm
Saskatchewan	Notations and remarks	Skin

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves. Breakthrough time : refer to the recommendations of the supplier

Eye protection:

Safety goggles

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: clear.
Colour	: Colourless
Odour	: Solvent
Odour threshold	: No data available
pH	: Not specifically applicable
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 98 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: 0.883
Solubility	: insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: 5 mm ² /s
Explosive limits	: No data available

9.2. Other information

VOC content : <= 100 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions of use.
Possibility of hazardous reactions	: No dangerous reactions known.
Conditions to avoid	: Avoid contact with hot surfaces.
Incompatible materials	: Combustible materials.

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Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Skin corrosion/irritation : Not classified
pH: Not specifically applicable

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Not specifically applicable

Respiratory or skin sensitization : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : May cause drowsiness or dizziness.

Hydrocarbons,C9-C11 , n-alkanes, isoalkanes, cyclics,<2% aromatics (64742-48-9)

STOT-single exposure	May cause drowsiness or dizziness.
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: Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure

Aspiration hazard : May be fatal if swallowed and enters airways.

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Viscosity, kinematic	5 mm ² /s
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Symptoms/effects after inhalation : Vapours may cause drowsiness and dizziness.

Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Direct contact with the eyes is likely to be irritating.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified (Based on available data, the classification criteria are not met)

Chronic aquatic toxicity : Not classified (Based on available data, the classification criteria are not met)

Hydrocarbons,C9-C11 , n-alkanes, isoalkanes, cyclics,<2% aromatics (64742-48-9)

EC50 Daphnia	> 1000 mg/l
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions. Do not re-use empty containers without proper cleaning or reconditioning.

SECTION 14: Transport information

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14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

Not regulated for transport

14.2. Transport information/DOT

Department of Transport

Not regulated for transport

14.3. Air and sea transport

IMDG

Not regulated for transport

IATA

Not regulated for transport

SECTION 15: Regulatory information

15.1. National regulations

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9)

Listed on the Canadian DSL (Domestic Substances List)

(2-methoxymethyletoxy)propanol (34590-94-8)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-48-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

(2-methoxymethyletoxy)propanol (34590-94-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

Date of issue : 10/03/2018

Full text of H-statements:

H226	Flammable liquid and vapour.
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.

SDS Canada (GHS)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product