



# NEW NORMAL TRADING LTD

## SAFETY DATA SHEET NEVLON

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

#### 1.1. Product identifier

Product name NEVLON

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

Identified uses Hand sanitiser.

#### 1.3. Emergency telephone number

Emergency telephone SGS - +32 (0)3 575 55 55 (24h)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards Flam. Liq. 2 - H225

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

## NEVLON

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

ETHANOL			60-100%
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319			

The full text for all hazard statements is displayed in Section 16.

Composition comments The data shown are in accordance with the latest EC Directives.

## SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person away from heat, sparks and flames. Get medical attention if symptoms are severe or persist.

Ingestion Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

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

Ingestion May cause nausea, headache, dizziness and intoxication.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact Causes serious eye irritation.

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

Notes for the doctor Treat symptomatically.

## SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

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Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Highly flammable liquid and vapour.

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Avoid the spillage or runoff entering drains, sewers or watercourses. Contain and collect extinguishing water. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Approach the spillage from upwind. Keep unnecessary and unprotected personnel away from the spillage. Take precautionary measures against static discharges. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Use explosion-proof electrical equipment. Use only non-sparking tools. Absorb spillage with inert, damp, non-combustible material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13.

**SECTION 7: Handling and storage**7.1. Precautions for safe handling

Usage precautions Avoid inhalation of vapours and contact with skin and eyes. Keep away from heat, sparks and open flame. Vapours may form explosive mixtures with air. If ventilation is inadequate, suitable respiratory protection must be worn.

Advice on general occupational hygiene Wash at the end of each work shift and before eating, smoking and using the toilet. Provide eyewash station and safety shower.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed, original container in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid exposure to high temperatures or direct sunlight. Avoid contact with the following materials: Acids. Oxidising agents. Aluminium.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

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Specific end use(s)                      The identified uses for this product are detailed in Section 1.2.

**SECTION 8: Exposure controls/Personal protection**

**8.1. Control parameters**  
Occupational exposure limits  
**ETHANOL**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>  
 WEL = Workplace Exposure Limit.

Ingredient comments                      WEL = Workplace Exposure Limits

ETHANOL (CAS: 64-17-5)

Ingredient comments	WEL = Workplace Exposure Limits
DNEL	Workers - Inhalation; Long term systemic effects: 950 mg/m <sup>3</sup> Workers - Inhalation; Short term local effects: 1900 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 343 mg/kg/day General population - Inhalation; Long term systemic effects: 114 mg/m <sup>3</sup> General population - Inhalation; Short term local effects: 950 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 206 mg/kg/day General population - Oral; Long term systemic effects: 87 mg/kg/day
PNEC	- Fresh water; 0.96 mg/l - marine water; 0.79 mg/l - Intermittent release; 2.75 mg/l - STP; 580 mg/l - Sediment (Freshwater); 3.6 mg/kg - Sediment (Marinewater); 2.9 mg/kg - Soil; 0.63 mg/kg

**8.2. Exposure controls**

Protective equipment



Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients. Provide eyewash station and safety shower.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination. Wear anti-static protective clothing if there is a risk of ignition from static electricity.

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Hygiene measures	Do not eat, drink or smoke when using this product. Wash after use and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Gas filter, type A2. EN 136/140/141/145/143/149

9.1. Information on basic physical and chemical properties**SECTION 9: Physical and chemical properties**

Appearance	Liquid.
Colour	Colourless.
Odour	Solvent.
Odour threshold	No information available.
pH	No information available.
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	>= 12 - < 23°C Calculation method.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	No information available.
Bulk density	No information available.
Solubility(ies)	Miscible with water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Explosive under the influence of a flame	No information available.
Oxidising properties	No information available.
<u>9.2. Other information</u>	
Other information	Not determined.
Refractive index	No information available.

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Particle size	No information available.
Molecular weight	No information available.
Volatility	No information available.
Saturation concentration	No information available.
Critical temperature	No information available.
Volatile organic compound	No information available.

## SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The following materials may react with the product: Oxidising agents. Acids.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Take precautionary measures against static discharges.

10.5. Incompatible materials

Materials to avoid Oxidising agents. Acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

11.1. Information on toxicological effectsSkin corrosion/irritation

Animal data No information available.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

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Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

Inhalation Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion May cause nausea, headache, dizziness and intoxication.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact Causes serious eye irritation.

Toxicological information on ingredients.ETHANOLAcute toxicity - oralAcute toxicity oral (LD<sub>50</sub> mg/kg) 10,470.0

Species Rat

Acute toxicity - dermalAcute toxicity dermal (LD<sub>50</sub> mg/kg) 15,800.0

Species Rat

Acute toxicity - inhalationAcute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 20.0

Species Rat

ATE inhalation (vapours mg/l) 20.0

Skin corrosion/irritation

Animal data Not irritating. Rabbit OECD 404

Serious eye damage/irritation

Serious eye damage/irritation Irritating. Rabbit OECD 405

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising. Mouse OECD 429

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

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Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	No information available.
Inhalation	Vapours in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.
Ingestion	Ingestion of large amounts may cause unconsciousness. May cause nausea, headache, dizziness and intoxication.
Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	Causes serious eye irritation.

### SECTION 12: Ecological information

Ecotoxicity                      The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.

#### ETHANOL

Ecotoxicity                      The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity                              Not considered toxic to fish.

Ecological information on ingredients.

#### ETHANOL

Toxicity                              Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish              LC<sub>50</sub>, 48 hours: > 100 mg/l, *Leuciscus idus* (Golden orfe)  
 LC<sub>50</sub>, 96 hour: 14200 mg/l, *Pimephales promelas* (Fat-head Minnow)  
 LC<sub>50</sub>, 96 hour: 13000 mg/l, *Oncorhynchus mykiss* (Rainbow trout)  
 LC<sub>50</sub>, 96 hour: 12000 - 16000 mg/l, *Oryzias latipes* (Red killifish)

Acute toxicity - aquatic invertebrates      EC<sub>50</sub>, 48 hours: 12340 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants      EC<sub>50</sub>, 48 hours: > 100 mg/l, *Selenastrum capricornutum*  
 EC<sub>50</sub>, 72 hour: 275 mg/l,  
 (*Chlorella vulgaris*)



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### Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates      NOEC, 9 day: 9.6 mg/l, Daphnia magna

### 12.2. Persistence and degradability

Persistence and degradability      Expected to be readily biodegradable.

### Ecological information on ingredients.

#### ETHANOL

Persistence and degradability      The product is readily biodegradable. The product is degraded completely by photochemical oxidation.

Biodegradation      - Degradation 84%: 20 day  
- Half-life : 1 - <10 days

### 12.3. Bioaccumulative potential

Bioaccumulative potential      Bioaccumulation is unlikely.

Partition coefficient      No information available.

### Ecological information on ingredients.

#### ETHANOL

Bioaccumulative potential      The product is not bioaccumulating.

Partition coefficient      log Pow: - 0.31

### 12.4. Mobility in soil

Mobility      Miscible with water.

### Ecological information on ingredients.

#### ETHANOL

Mobility      The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is water-soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment      This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### ETHANOL

Results of PBT and vPvB assessment      This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

Other adverse effects      No information available.

### Ecological information on ingredients.

#### ETHANOL

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Other adverse effects      The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

13.1. Waste treatment methods**SECTION 13: Disposal considerations**

General information	Waste is classified as hazardous waste. Do not puncture or incinerate, even when empty.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: Transport information**

General	Wear protective clothing as described in Section 8 of this safety data sheet.
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14.1. UN number

UN No. (ADR/RID)	1170
UN No. (IMDG)	1170
UN No. (ICAO)	1170
UN No. (ADN)	1170

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
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Proper shipping name (IMDG) ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Proper shipping name (ICAO) ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Proper shipping name (ADN) ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

## Transport labels

14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS F-E, S-D

ADR transport category 2

Emergency Action Code •2YE

Hazard Identification Number 33  
(ADR/RID)

Tunnel restriction code (D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78  
and the IBC Code Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
This product may impact SEVESO storage regulations.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

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Abbreviations and acronyms used in the safety data sheet	<p>ATE: Acute Toxicity Estimate.  ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  CAS: Chemical Abstracts Service.  DNEL: Derived No Effect Level.  IATA: International Air Transport Association.  IMDG: International Maritime Dangerous Goods.  Kow: Octanol-water partition coefficient.  LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  PBT: Persistent, Bioaccumulative and Toxic substance.  PNEC: Predicted No Effect Concentration.  REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  vPvB: Very Persistent and Very Bioaccumulative.  IARC: International Agency for Research on Cancer.  MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.  cATpE: Converted Acute Toxicity Point Estimate.  BCF: Bioconcentration Factor.  BOD: Biochemical Oxygen Demand.  EC<sub>50</sub>: 50% of maximal Effective Concentration.  LOAEC: Lowest Observed Adverse Effect Concentration.  LOAEL: Lowest Observed Adverse Effect Level.  NOAEC: No Observed Adverse Effect Concentration.  NOAEL: No Observed Adverse Effect Level.  NOEC: No Observed Effect Concentration.  LOEC: Lowest Observed Effect Concentration.  DMEL: Derived Minimal Effect Level.  EL50: Exposure Limit 50  hPa: Hectopascal  LL50: Lethal Loading fifty  OECD: Organisation for Economic Co-operation and Development  POW: Octanol-water partition coefficient  SCBA: self-contained breathing apparatus  STP: Sewage Treatment Plant  VOC: Volatile Organic Compounds</p>
Classification abbreviations and acronyms	
Key literature references and sources for data	<p>Acute Tox. = Acute toxicity  Aquatic Acute = Hazardous to the aquatic environment (acute)  Aquatic Chronic = Hazardous to the aquatic environment (chronic)</p> <p>Supplier's information.</p>
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	27/03/2020
Version number	1.000
SDS status	Approved.

## NEVLON

Hazard statements in full	<p>H225 Highly flammable liquid and vapour.  H319 Causes serious eye irritation</p>
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