

Safety Data Sheet
SPC-909N - P50103

Master item code: 102273Y

Safety Data Sheet dated 10/23/2019, version 1

1. Identification**GHS Product Identifier**

Mixture identification:
Trade name: SPC-909N
MSDS code: P50103

Recommended use of the chemical and restrictions on use

Recommended use:
Paint Remover
Industrial uses
Professional uses
Restrictions on use:
No uses advised against are identified.

Supplier's details**Manufacturers:**

Sea to Sky Innovations Limited - Unit 204, 6741 Cariboo Road, Burnaby V3N 4A3, British Columbia, Canada / Email: csr-sts@socomore.com / Phone: +1 604 420 7707 / Fax: +1 604 420 7701

Distributors:

STSNZ Ltd, 7 Windsor Street, Parnell, Auckland 1052, New Zealand / john@sea2sky.co.nz

Competent person responsible for the safety data sheet:


techdirsocomore@socomore.com

Emergency phone number:

New Zealand emergency phone number: 0800 764 766 (0800 POISON)

2. Hazard identification

Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and is consistent with ERMA New Zealand Approval number (HSNO) which is reported in Section 15.

 Warning, Acute Tox. 4, Harmful if swallowed.

 Warning, Acute Tox. 4, Harmful if inhaled.

Warning, Skin Irrit. 3, Causes mild skin irritation.

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

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

GHS label elements, including precautionary statements

Hazard pictograms:

Safety Data Sheet
SPC-909N - P50103



Warning

Hazard statements:

- H302+H332 Harmful if swallowed or if inhaled.
- H316 Causes mild skin irritation.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/...if you feel unwell.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P330 Rinse mouth.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Other hazards which do not result in a classification

No other hazards

3. Composition/information on ingredients

Substances

N.A.

Mixtures

Hazardous components within the meaning of GHS and related classification:

>= 30% - < 60% BENZYL ALCOHOL

Index number: 603-057-00-5, CAS: 100-51-6, EC: 202-859-9



3.1/4/Oral Acute Tox. 4 H302



3.1/4/Inhal Acute Tox. 4 H332



3.3/2A Eye Irrit. 2A H319

>= 7% - < 10% Hydrogen peroxide solution ...%

Index number: 008-003-00-9, CAS: 7722-84-1, EC: 231-765-0



2.13/1 Ox. Liq. 1 H271

Safety Data Sheet

SPC-909N - P50103

 3.1/4/Oral Acute Tox. 4 H302


 3.1/4/Inhal Acute Tox. 4 H332

 3.2/1A Skin Corr. 1A H314

 3.8/3 STOT SE 3 H335

4.1/C3 Aquatic Chronic 3 H412

>= 1% - < 3% 1,2,4-trimethylbenzene
Index number: 601-043-00-3, CAS: 95-63-6, EC: 202-436-9

 2.6/3 Flam. Liq. 3 H226

 3.10/1 Asp. Tox. 1 H304

 3.2/2 Skin Irrit. 2 H315

 3.3/2A Eye Irrit. 2A H319

 3.1/4/Inhal Acute Tox. 4 H332

 3.8/3 STOT SE 3 H335

 4.1/C2 Aquatic Chronic 2 H411

4. First-aid measures

Description of necessary 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 of 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 ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

Give nothing to eat or drink.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

Most important symptoms/effects, acute and delayed

None

Safety Data Sheet

SPC-909N - P50103

Indication of immediate medical attention and special treatment needed, if necessary

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

Treatment:

No particular treatment.

5. Fire-fighting measures

Suitable extinguishing media

Water.

Carbon dioxide (CO₂).

Unsuitable extinguishing media:

None in particular.

Special hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: N.A.

Oxidizing properties: N.A.

Special protective actions for fire-fighters

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

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

Methods and material for containment and cleaning up

Wash with plenty of water.

7. Handling and storage

Precautions for safe handling

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

Use localized ventilation system.

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:

Safety Data Sheet

SPC-909N - P50103

Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.

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.

8. Exposure controls/personal protection

Control parameters

Hydrogen peroxide solution ...% - CAS: 7722-84-1
 - OEL Type: ACGIH - TWA(8h): 1 ppm - Notes: A3 - Eye, URT, and skin irr
 - OEL Type: National - TWA: 1.5 mg/m³, 1 ppm - Notes: France
 - OEL Type: National - TWA: 1.4 mg/m³, 1 ppm - Notes: Belgium
 1,2,4-trimethylbenzene - CAS: 95-63-6
 - OEL Type: EU - TWA(8h): 100 mg/m³, 20 ppm

DNEL Exposure Limit Values

BENZYL ALCOHOL - CAS: 100-51-6
 Worker Professional: 40 mg/kg bw/day - Consumer: 28.5 - Exposure: Human Dermal -
 Frequency: Short Term, systemic effects
 Worker Professional: 110 mg/m³ - Consumer: 27 mg/kg bw/day - Exposure: Human
 Inhalation - Frequency: Short Term, systemic effects
 Worker Professional: 8 mg/kg bw/day - Consumer: 5.7 - Exposure: Human Dermal -
 Frequency: Long Term, systemic effects
 Worker Professional: 22 mg/m³ - Consumer: 5.4 mg/m³ - Exposure: Human Inhalation
 - Frequency: Long Term, systemic effects
 Consumer: 20 mg/kg bw/day - Exposure: Human Oral - Frequency: Short Term,
 systemic effects
 Hydrogen peroxide solution ...% - CAS: 7722-84-1
 Worker Professional: 1.4 mg/m³ - Exposure: Human Inhalation - Frequency: Long
 Term, local effects
 Worker Professional: 3 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term,
 local effects

PNEC Exposure Limit Values

BENZYL ALCOHOL - CAS: 100-51-6
 Target: Fresh Water - Value: 1 mg/l
 Target: Marine water - Value: 0.1 mg/l
 Target: PNEC01 - Value: 2.3 mg/l
 Target: Soil (agricultural) - Value: 0.456 mg/kg
 Target: Freshwater sediments - Value: 5.27 mg/kg
 Target: Marine water sediments - Value: 0.527 mg/kg
 Target: Microorganisms in sewage treatments - Value: 39 mg/l
 Hydrogen peroxide solution ...% - CAS: 7722-84-1
 Target: PNEC intermittent - Value: 0.0138 mg/l - Notes: fresh water
 Target: Fresh Water - Value: 0.0126 mg/l
 Target: Marine water - Value: 0.0126 mg/l
 Target: Freshwater sediments - Value: 0.047 mg/kg
 Target: Marine water sediments - Value: 0.047 mg/kg - Notes: dry weight
 Target: Soil (agricultural) - Value: 0.0023 mg/kg
 Target: Sewage treatment plant - Value: 4.66 mg/l

Appropriate engineering controls:

None

Safety Data Sheet

SPC-909N - P50103

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Safety goggles (EN 166)
 Face protection shield. (EN 166)
 Use closed 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 respiratory protection where ventilation is insufficient or exposure is prolonged such as Mask with filter "A1" brown color(NF EN 14387)

Thermal Hazards:

None

9. Physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	Emulsion and sky-blue	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	6.0 – 8.0	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	100 deg C	--	water based
Flash point (deg C):	>100 deg C	--	--
Evaporation rate:	<1.0	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	<1.0	--	--
Relative density:	1.03	--	--
Solubility in water:	Partially	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	3,000-12,000 cPs	--	--

10. Stability Toxicological information

Reactivity

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None

Conditions to avoid

Stable under normal conditions.

Incompatible materials

Safety Data Sheet

SPC-909N - P50103

None in particular.

Hazardous decomposition products

None.

11. Toxicological information

Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

BENZYL ALCOHOL - CAS: 100-51-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 4178 mg/m³ - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 1620 MGKGBWDAY

Test: LOAEL

- Route: Oral - Species: Mouse = 750 mg/kg - Duration: 8 days

g) reproductive toxicity:

Test: NOAEL - Route: Oral - Species: Mouse = 550 MGKGBWDAY - Source: 6-15 days

i) STOT-repeated exposure:

Test: NOAEL - Route: Oral - Species: Rat = 400 MGKGBWDAY

Test: NOAEL - Route: Oral - Species: Mouse = 200 MGKGBWDAY

Test: NOAEL - Route: Inhalation - Species: Rat = 1072 mg/m³

Hydrogen peroxide solution ...% - CAS: 7722-84-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 431

Test: LD50 - Route: Inhalation Dust - Species: Rat = 1.5 mg/kg - Duration: 4h - Notes: H₂O₂ 35%

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 0.17 mg/kg - Duration: 4h - Notes: H₂O₂ 50%

Test: LD50 - Route: Skin - Species: Rabbit > 2.000 mg/kg - Notes: H₂O₂ 35%

BENZYL ALCOHOL - CAS: 100-51-6

LD50 (RABBIT) SKIN SINGLE DOSE: 2000 MG/KG

If not differently specified, the information 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.

12. Ecological information

Toxicity

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

BENZYL ALCOHOL - CAS: 100-51-6

- a) Aquatic acute toxicity:

Safety Data Sheet

SPC-909N - P50103

- Endpoint: LC50 - Species: Fish = 460 mg/l - Duration h: 96 - Notes: Pimephales promelas, fresh water, static system
 Endpoint: EC50 - Species: Daphnia = 230 mg/l - Duration h: 48
- b) Aquatic chronic toxicity:
 Endpoint: NOEC - Species: Daphnia = 51 mg/l - Duration h: 504
- d) Terrestrial toxicity:
 Endpoint: IC50 - Species: Microorganisms = 390 mg/kg - Duration h: 24 - Notes: ISO 8192; Nitrosomas
- e) Plant toxicity:
 Endpoint: NOEC - Species: Algae = 310 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata
 Endpoint: EC50 - Species: Algae = 770 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata
- Hydrogen peroxide solution ...% - CAS: 7722-84-1
- a) Aquatic acute toxicity:
 Endpoint: LC50 - Species: Fish = 16.4 mg/l - Duration h: 96 - Notes: Pimephales promelas
 Endpoint: EC50 - Species: Daphnia = 2.4 mg/l - Duration h: 48 - Notes: Daphnia magna
 Endpoint: EC50 - Species: Algae = 2.62 mg/l - Duration h: 72 - Notes: Skeletonema costatum
- b) Aquatic chronic toxicity:
 Endpoint: NOEC - Species: Fish < 38.5 mg/l - Duration h: 168 - Notes: Oncorhynchus mykiss
 Endpoint: NOEC - Species: Crustacea = 0.63 mg/l - Duration h: 504 - Notes: Daphnia magna

Persistence and degradability

- BENZYL ALCOHOL - CAS: 100-51-6
 Biodegradability: Biodegradation in water - Test: MITI modif(I) - Duration: 14 days - %: 92-96 - Notes: OECD 301C
 Hydrogen peroxide solution ...% - CAS: 7722-84-1
 Biodegradability: Readily biodegradable

Bioaccumulative potential

- BENZYL ALCOHOL - CAS: 100-51-6
 BCF 1.37 l/kg
 Log Kow 1.05 - Notes: 20°C
 Hydrogen peroxide solution ...% - CAS: 7722-84-1
 Log Kow - 1.57 - Notes: (20°C)
 Not bioaccumulative

Mobility in soil

- BENZYL ALCOHOL - CAS: 100-51-6
 Log Koc 15.7
 Volality (H: Henry's Law Constant) 0.0879 Pa.m³/mol
 Hydrogen peroxide solution ...% - CAS: 7722-84-1
 Log Koc 0.2

Other adverse effects

No harmful effects expected.

13. Disposal considerations

Disposal methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.

Safety Data Sheet

SPC-909N - P50103

14. Transport information

UN number

Not classified as dangerous in the meaning of transport regulations.

UN proper shipping name

N.A.

Transport hazard class(es)

N.A.

Packing group, if applicable

N.A.

Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

Special precautions for user

N.A.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

The product is transported in conditions that comply with exemption criteria for ADR transport.

15. Regulatory information

Safety, health and environmental regulations specific for the product.

HSNO Group Standard Approval: HSR002670

16. Other information

This document was prepared by a competent person who has received appropriate training. Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and is consistent with ERMA New Zealand Approval number (HSNO) which is reported in Section 15.

Full text of phrases referred to in Section 3:

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H319 Causes serious eye irritation.

H271 May cause fire or explosion; strong oxidiser.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H411 Toxic to aquatic life with long lasting effects.

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

CCNL - Appendix 1

Safety Data Sheet

SPC-909N - P50103

Insert further consulted bibliography

Important confidentiality : this document contains confidential information that is proprietary to SOCOMORE. Subject to legal provisions determining otherwise, the distribution, republication or re-transmission of this document, in full or in part, must be limited to clearly identified individuals, either because they use the product, or to provide HSE information. Any communication of this document outside of this framework without our written consent is strictly forbidden. SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product. 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 responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

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.