Safety Data Sheet
SPC-909N

Master item code: 102273Y

Safety Data Sheet dated 11/1/2019, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:
Trade name: SPC-909N
Other means of identification:
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.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

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:
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
Dysol Inc. - 791 Westport Parkway - Fort Worth, TX 76177 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number:

CHEMTEL: I+1-813-248-0585 (International); 1-800-255-3924 (USA); CANUTEC: 1-613-996-6666 (CANADA)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical


Warning, Acute Tox. 4, Harmful if swallowed.


Warning, Acute Tox. 4, Harmful if inhaled.


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

Label elements

Hazard pictograms:

Warning

Hazard statements:

H302 Harmful if swallowed.
H332 Harmful if inhaled.
H319 Causes serious eye irritation.

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.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 IF SWALLOWED: Immediately 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.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

>= 30% - < 40% BENZYL ALCOHOL

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


A.1/4/Oral Acute Tox. 4 H302


A.1/4/Inhal Acute Tox. 4 H332


A.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


B.13/1 Ox. Liq. 1 H271


A.2/1A Skin Corr. 1A H314


A.1/4/Oral Acute Tox. 4 H302


A.1/4/Inhal Acute Tox. 4 H332

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


B.6/3 Flam. Liq. 3 H226


A.3/2A Eye Irrit. 2A H319


A.8/3 STOT SE 3 H335


A.2/2 Skin Irrit. 2 H315


US-HAE/C2 Aquatic Chronic 2 H411


A.1/4/Inhal Acute Tox. 4 H332

4. FIRST-AID MEASURES

Description of necessary 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 opthalmologist 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

Indication of 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:
No particular treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Water.
Carbon dioxide (CO2).

Unsuitable extinguishing media:
None in particular.

Specific 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 equipment and precautions 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.

Methods and materials 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.
Do not use on extensive surface areas in premises where there are occupants.
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:
Contamined 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.
Storage temperature:
Store at ambient temperature.

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

Individual protection measures

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 (degF):	>212 degF	--	--
Flash point (degC):	>100 degC	--	--
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	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

10. STABILITY AND REACTIVITY

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

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

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

Hydrogen peroxide solution ...% - Group 3.

Substance(s) listed as OSHA Carcinogen(s):

None.

Substance(s) listed as NIOSH Carcinogen(s):

None.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.
BENZYL ALCOHOL - CAS: 100-51-6
a) Aquatic acute toxicity:
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.m?/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.

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

N.A.

Environmental hazards

ADR-Enviromental Pollutant: No
IMDG-Marine pollutant: No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)
N.A.

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

Special precautions
N.A.

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act
TSCA inventory: all the components are listed on the TSCA inventory or are not required to be listed on the TSCA.
TSCA sections for substances listed in section 3:
BENZYL ALCOHOL is listed in TSCA Section 8b
Hydrogen peroxide solution ...% is listed in TSCA Section 8b
1,2,4-trimethylbenzene is listed in TSCA Section 8b, Section 8d HSDR.

SARA - Superfund Amendments and Reauthorization Act
Section 302 Extremely Hazardous Substances: Hydrogen peroxide solution ...%.
Section 304 Hazardous substances: Hydrogen peroxide solution ...%.
Section 313 Toxic chemical list: 1,2,4-trimethylbenzene.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
No substances listed.

CAA - Clean Air Act
CAA listed substances:
BENZYL ALCOHOL is listed in CAA Section 111, Section 112(b) - HON.

CWA - Clean Water Act
CWA listed substances:
None.

USA - State specific regulations

California Proposition 65
Substance(s) listed under California Proposition 65:
None.

Massachusetts Right to know
Substance(s) listed under Massachusetts Right to know:
BENZYL ALCOHOL
Hydrogen peroxide solution ...%
1,2,4-trimethylbenzene.

New Jersey Right to know
Substance(s) listed under New Jersey Right to know:
Hydrogen peroxide solution ...%
1,2,4-trimethylbenzene.

Pennsylvania Right to know
Substance(s) listed under Pennsylvania Right to know:
BENZYL ALCOHOL
Hydrogen peroxide solution ...%
1,2,4-trimethylbenzene.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

16. OTHER INFORMATION

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.
H226 Flammable liquid and vapour.
H335 May cause respiratory irritation.
H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects.

Safety Data Sheet dated 11/1/2019, version 1
Disclaimer:
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. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.
This Safety Data Sheet 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.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
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.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
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