

Safety Data Sheet
SPC-201

Master item code: 102189D

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

1. IDENTIFICATION**Product identifier**

Mixture identification:
Trade name: SPC-201
Other means of identification:
MSDS code: P50400

Recommended use of the chemical and restrictions on use

Recommended use:
Paint Remover
Industrial 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:

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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

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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

>= 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

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 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 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

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

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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:
- 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.
- Storage temperature:
- Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

- 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

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

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Target: Microorganisms in sewage treatments - Value: 39 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 green	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	9.0 – 11.0	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	100 degC	--	water based
Flash Point (degF):	>212 degF	--	--
Flash point (degC):	>100 degC	ISO 2592	--
Evaporation rate:	<1	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	<1	--	--
Relative density:	1.03	ISO 649, ASTM D1298	--
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:	5000-20000 cPs	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--

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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

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:

None.

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.

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- 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

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

Bioaccumulative potential

BENZYL ALCOHOL - CAS: 100-51-6
 BCF 1.37 l/kg
 Log Kow 1.05 - Notes: 20°C

Mobility in soil

BENZYL ALCOHOL - CAS: 100-51-6
 Log Koc 15.7
 Volality (H: Henry's Law Constant) 0.0879 Pa.m³/mol

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-Environmental Pollutant: No
 IMDG-Marine pollutant: No

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

Special precautions
 N.A.

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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

1,2,4-trimethylbenzene is listed in TSCA Section 8b, Section 8d HSDR.

SARA - Superfund Amendments and Reauthorization Act

Section 302 Extremely Hazardous Substances: no substances listed.

Section 304 Hazardous substances: no substances listed.

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

1,2,4-trimethylbenzene.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

1,2,4-trimethylbenzene.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

BENZYL ALCOHOL

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.

H226 Flammable liquid and vapour.

H335 May cause respiratory irritation.

H315 Causes skin irritation.

H411 Toxic to aquatic life with long lasting effects.

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Disclaimer:

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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