

Boat Cleaner Pro (formerly known as Marine Strip)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 05/02/2018 Revision date: 05/02/2018 Supersedes: 06/05/2017 Version: 1.3

SECTION 1: Identification

1.1. Identification

Mixture

Mineral Spirits (Regular)

8052-41-3

Low boiling point naphtha – unspecified / Stoddard solvent

1.2. Recommended use and restrictions on use

Recommended use Restrictions on use

GHS-US classification

Flammable liquids H226 Category 3

Serious eye damage/eye H319 irritation Category 2A

Reproductive toxicity H360 Category 1B

Specific target organ H336 toxicity (single exposure)

Category 3

Specific target organ H373 toxicity (repeated exposure) Category 2

Aspiration hazard Category H304 1

Full text of H statements : see section 16:

CHEMTREC 800-424-9300

Flammable liquid and vapor

Causes serious eye irritation

May damage fertility or the unborn child May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure May be fatal if swallowed and enters airways

SECTION 2: Hazard(s) identification
2.1. Classification of the substance or mixture
2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US) :

Signal word (GHS-US) Hazard statements (GHS-US)

Precautionary statements (GHS-US) 05/17/2018:

Danger

H226 – Flammable liquid and vapor

H304 – May be fatal if swallowed and enters airways

H319 – Causes serious eye irritation

H336 – May cause drowsiness or dizziness

H360 – May damage fertility or the unborn child

H373 – May cause damage to organs through prolonged or repeated exposure

: P201 – Obtain special instructions before use

P202 – Do not handle until all safety precautions have been read and understood

EN (English US)

Page 1

Mineral Spirits (Regular)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 – Keep container tightly closed

P240 – Ground/Bond container and receiving equipment

P241 – Use explosion-proof electrical, ventilating, lighting equipment P242 – Use only non-sparking tools

P243 – Take precautionary measures against static discharge

P260 – Do not breathe vapors, mist, spray

P261 – Avoid breathing mist, vapors

P264 – Wash Skin thoroughly after handling

P271 – Use only outdoors or in a well-ventilated area

P280 – Wear protective gloves, eye protection, face protection

P301+P310 – If swallowed: Immediately call a POISON CENTER or doctor/physician.

P303+P361+P353 – If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

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

P308+P313 – If exposed or concerned: Get medical advice/attention

P312 – Call a POISON CENTER or doctor/physician if you feel unwell

P314 – Get medical advice/attention if you feel unwell

P331 – Do NOT induce vomiting

P337+P313 – If eye irritation persists: Get medical advice/attention

P370+P378 – In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish

P403+P233 – Store in a well-ventilated place. Keep container tightly closed

P403+P235 – Store in a well-ventilated place. Keep cool

P405 – Store locked up

P501 – Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

Not applicable

3.2. Mixtures

SECTION 3: Composition/Information on ingredients			
3.1. Substances			

Name	Product	%	GHS-US classification
------	---------	---	-----------------------

	identifi fier		
Stoddard Solvent	(CAS -No.) 8052-41-3	< 9 5	Flam. Liq. 3, H226 Eye Irrit. 2A, H319 Muta. 1B, H340 Carc. 1B, H350 Repr. 1B, H360 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Pseudocumene	(CAS -No.) 95-63-6	5 . 1 4	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 STOT SE 3, H335 Aquatic Chronic 2, H411
Xylene	(CAS No) 1330-20-7	0 . 1 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312, Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapor), H332, Skin Irrit. 2, H315, Carc. 2, H351 STOT SE 3, H336, STOT RE 1, H372, Asp. Tox. 1, H304, Aquatic Chronic 2, H411

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

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general First-aid measures after inhalation:

Call a physician immediately.

Remove person to fresh air and keep comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention immediately.

05/17/2018

EN (English US) 2/9

Mineral Spirits (Regular)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

First-aid measures after skin contact First-aid measures after eye contact

First-aid measures after ingestion:

Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.

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.

Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects : Symptoms/effects after eye contact : Symptoms/effects after ingestion :

May cause drowsiness or dizziness. Eye irritation.

Risk of lung edema.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Water (quick-acting extinguisher, reel); risk of puddle expansion. Water; risk of puddle expansion.

5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor. Reactivity : Flammable liquid and vapor.

5.3. Special protective equipment and precautions for fire-fighters

SECTION 5: Fire-fighting measures
5.1. Suitable (and unsuitable) extinguishing media

Protection during firefighting

6.1.1. For non-emergency personnel

Emergency procedures

6.1.2. For emergency responders

Protective equipment

6.2. Environmental precautions:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapors/spray.

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Other information

6.4. Reference to other sections

For further information refer to section 13.

Precautions for safe handling

Hygiene measures:

Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Dispose of materials or solid residues at an authorized site.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.

Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Technical measures Storage conditions:

Ground/bond container and receiving equipment.

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

05/17/2018

EN (English US) 3/9

Mineral Spirits (Regular)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Mineral Spirits (Regular) (8052-41-3)

ACGIH ACGIH ACGIH

OSHA OSHA

Pseudocumene (95-63-6)

ACGIH

Stoddard Solvent (8052-41-3)

ACGIH ACGIH ACGIH OSHA OSHA

Local name ACGIH TWA (ppm) Remark (ACGIH)

OSHA PEL (TWA) (mg/m³) OSHA PEL (TWA) (ppm)

ACGIH TWA (ppm)

Local name

ACGIH TWA (ppm) Remark (ACGIH)

OSHA PEL (TWA) (mg/m³) OSHA PEL (TWA) (ppm)

Stoddard solvent

100 ppm

Eye, skin, & kidney dam;

2900 mg/m³ 500 ppm

25 ppm

Stoddard solvent

100 ppm

Eye, skin, & kidney dam; 2900 mg/m³

500 ppm

8.2. Appropriate engineering controls

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

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect workers health, an approved respirator may be appropriate.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Appearance Color

Odor

Odor threshold

pH

Melting point

Freezing point

Boiling point

Flash point

Relative evaporation rate (butyl acetate=1) Flammability (solid, gas)

Vapor pressure

- : Liquid
- : Liquid.
- : Colorless
- : Petroleum-like odor
- : 0.9 ppm 5.1 mg/m³
- : No data available
- : Not applicable
- : No data available
- : 300-415°F
- : >100 °F
- : No data available
- : Not applicable.

- : 2.85 hPa (20 °C)

05/17/2018

EN (English US) 4/9

Mineral Spirits (Regular)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Relative vapor density at 20 °C Relative density

Solubility

Log Pow

Auto-ignition temperature Decomposition temperature Viscosity, kinematic Viscosity, dynamic Explosion limits

Explosive properties Oxidizing properties

9.2. Other information

Other properties :

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available 0.7865 (15 °C) Negligible

3.16 – 7.06

No data available No data available 1.2 mm²/s (25 °C) No data available

0.8 – 5.6 vol % LEL: 0.8 vol % UEL: 5.6 vol %

No data available No data available

Clear.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Oxidizing materials

10.6. 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) Acute toxicity (dermal) Acute toxicity (inhalation)

Pseudocumene (95-63-6)

LD50 oral rat

LD50 dermal rat

LC50 inhalation rat (mg/l) ATE US (gases)

ATE US (vapors)

ATE US (dust, mist)

Stoddard Solvent (8052-41-3)

LD50 oral rat

Skin corrosion/irritation

Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity
Carcinogenicity

Reproductive toxicity

Specific target organ toxicity – single exposure 05/17/2018:

Not classified : Not classified : Not classified

6000 mg/kg body weight (EU Method B.1 tris: Acute oral toxic – Acute toxic class
method, Rat, Male, Experimental value)

3440 mg/kg (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Read-across)

10.2 mg/l air (Other, 4 h, Rat, Male/female, Read-across)

4500 ppmV/4h

18 mg/l/4h

1.5 mg/l/4h

> 6500 mg/kg (Rat)

: Not classified

: Causes serious eye irritation. : Not classified

: Not classified.

: Not classified

: May damage fertility or the unborn child. : May cause drowsiness or dizziness.

EN (English US) 5/9

Mineral Spirits (Regular)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Pseudocumene (95-63-6)

Specific target organ toxicity – single exposure

Stoddard Solvent (8052-41-3)

Specific target organ toxicity – single exposure

Specific target organ toxicity – repeated exposure

Stoddard Solvent (8052-41-3)

Specific target organ toxicity – repeated exposure

Aspiration hazard Viscosity, kinematic

Symptoms/effects Symptoms/effects after eye contact Symptoms/effects after ingestion

Ecology – general

Pseudocumene (95-63-6)

LC50 fish 1

12.2. Persistence and degradability

Pseudocumene (95-63-6)

Persistence and degradability Chemical oxygen demand (COD)

Stoddard Solvent (8052-41-3)

Persistence and degradability

Log Pow

Pseudocumene (95-63-6)

BCF fish 1

Log Pow Bioaccumulative potential

Stoddard Solvent (8052-41-3)

Bioaccumulative potential

Log Koc

Pseudocumene (95-63-6)

Surface tension Log Koc Ecology – soil

12.5. Other adverse effects

No additional information available

May cause respiratory irritation.

May cause drowsiness or dizziness.

: May cause damage to organs through prolonged or repeated exposure.

May cause damage to organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways. : 1.2 mm²/s (25 °C)

May cause drowsiness or dizziness.

Eye irritation. Risk of lung edema.

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

7.72 mg/l (96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)

Biodegradable in the soil. Not readily biodegradable in water. 0.44 g O₂/g substance

No (test) data on mobility of the components available.

3.16 – 7.06

31 – 275 (Other, 8 week(s), Cyprinus carpio, Weight of evidence) 3.63 – 4.09 (Experimental value)

Low potential for bioaccumulation (BCF < 500).

No test data of component(s) available.

2.85 – 6.74 (log Koc)

0.029 N/m

3.04 (log Koc, Calculated value)

Low potential for mobility in soil. May be harmful to plant growth, blooming and fruit formation.

SECTION 12: Ecological information
12.1. Toxicity

12.3. Bioaccumulative potential

Mineral Spirits (Regular) (8052-41-3)

12.4. Mobility in soil

Mineral Spirits (Regular) (8052-41-3)

05/17/2018

EN (English US) 6/9

Mineral Spirits (Regular)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 13: Disposal considerations
13.1. Disposal methods

Waste treatment methods

Product/Packaging disposal recommendations

Additional information

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description UN-No.(DOT)

Proper Shipping Name (DOT) Class (DOT)

Packing group (DOT) Hazard labels (DOT)

DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx)

DOT Special Provisions (49 CFR 172.102)

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

: Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals.

: Flammable vapors may accumulate in the container.

: UN1268 Petroleum distillates, n.o.s., 3, III

: UN1268

: Petroleum distillates, n.o.s.

: 3 – Class 3 – Flammable and combustible liquid 49 CFR 173.120 : III – Minor Danger

: 3 – Flammable liquid

: 203

: 242

: 144 – If transported as a residue in an underground storage tank (UST), as defined in 40 CFR 280.12, that has been cleaned and purged or rendered inert according to the American Petroleum Institute (API) Standard 1604 (IBR, see 171.7 of this subchapter),

then the tank and this material are not subject to any other requirements of this subchapter. However, sediments remaining in the tank that meet the definition for a hazardous material are subject to the applicable regulations of this subchapter.

B1 – If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.

IB3 – Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T4 – 2.65 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 – The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP29 – A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

: 150 : 60L

: 220 L

: A – The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.

: 128

: No supplementary information available.

DOT Packaging Exceptions (49 CFR 173.xxx)

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

DOT Vessel Stowage Location

Emergency Response Guide (ERG) Number Other information

05/17/2018

EN (English US) 7/9

Mineral Spirits (Regular)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Transportation of Dangerous Goods Transport by sea

Transport document description (IMDG) UN-No. (IMDG)

Proper Shipping Name (IMDG)

Class (IMDG)

Packing group (IMDG) Limited quantities (IMDG)

Air transport

Transport document description (IATA) UN-No. (IATA)

Proper Shipping Name (IATA)

Class (IATA)

Packing group (IATA)

: UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III : 1268

: PETROLEUM DISTILLATES, N.O.S.

: 3 – Flammable liquids

: III – substances presenting low danger : 5L

: UN 1268 Petroleum distillates, n.o.s., 3, III : 1268

: Petroleum distillates, n.o.s.

: 3 – Flammable Liquids

: III – Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

Mineral Spirits (Regular) (8052-41-3)

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

Pseudocumene (95-63-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

Stoddard Solvent (8052-41-3)

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

SARA Section 311/312 Hazard Classes

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

State or local regulations

Pseudocumene(95-63-6) Stoddard Solvent (8052-41-3)

SECTION 16: Other information

Immediate (acute) health hazard Fire hazard

Delayed (chronic) health hazard

15.3. US State regulations

Mineral Spirits (Regular) (8052-41-3)

U.S. – New Jersey – Right to Know Hazardous Substance List

U.S. – New Jersey – Right to Know Hazardous Substance List U.S. – New Jersey –
Right to Know Hazardous Substance List

Component	State or local regulations
-----------	----------------------------

05/17/2018

EN (English US) 8/9

Mineral Spirits (Regular)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and
Regulations

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and
Regulations

Revision date

Full text of H-phrases: H226

H304 H315 H319 H332 H335 H336 H340 H350 H360 H373 H411

NFPAhealthhazard NFPAfirehazard

NFPAreactivity

SDS US (GHS HazCom 2012)

: 05/02/2018

Flammable liquid and vapor

May be fatal if swallowed and enters airways

Causes skin irritation

Causes serious eye irritation

Harmful if inhaled

May cause respiratory irritation

May cause drowsiness or dizziness

May cause genetic defects

May cause cancer

May damage fertility or the unborn child

May cause damage to organs through prolonged or repeated exposure Toxic to aquatic life with long lasting effects

: 1-Materialsthat,underemergencyconditions,cancause significant irritation.

: 2-Materialsthatmustbemoderatelyheatedorexposedto relatively high ambient temperatures before ignition can occur.

: 0-Materialthatintheselvesarenormallystable,even under fire conditions.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Please be advised revisions to the Safety Data Sheet (SDS) may require a label update. In no event shall Whitaker Oil Company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Whitaker Oil Company has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this SDS and its contents from that originally submitted by Whitaker Oil Company.