



Safety Data Sheet

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Document group:	10-2818-2	Version number:	12.02
Revision date:	11/07/2011	Supersedes date:	21/06/2011
Transportation version number:			

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier

3M™ TroubleShooter™ Baseboard Stripper

Product identification numbers

61-5000-6131-4

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

Identified uses

Baseboard Stripper

1.3. Details of the supplier of the substance or mixture

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

E Mail: tox.uk@mmm.com

Website: www.3M.com/uk

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Indication of danger

Irritant.

2.2. Label elements

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Symbols

Xi Irritant.

3M™ TroubleShooter™ Baseboard Stripper**Contains:**

No ingredients are assigned to the label.

Risk phrases

R36/38 Irritating to eyes and skin.

Safety phrases

S23C Do not breathe vapour or spray.
S51 Use only in well ventilated areas.

Special provisions concerning the labelling of certain substances

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Notes on labelling

Updated per Regulation (EC) 648/2004 on detergents.

Nota K applied to CAS#68476-86-8

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non hazardous ingredient	Mixture		60 - 90	
2-Butoxyethanol	111-76-2	EINECS 203-905-0	10 - 30	Xn:R20-21-22; Xi:R36-38 (EU) Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 (CLP)
Petroleum gases, liquefied, sweetened	68476-86-8	EINECS 270-705-8	5 - 10	F+:R12 - Nota H,K,S (EU) Flam. Gas 1, H220; Compressed gas, H280 - Nota H,K,S,U (CLP) STOT SE 1, H370; STOT SE 3, H336 (Self Classified)
2-aminoethanol	141-43-5	EINECS 205-483-3	3 - 7	C:R34; Xn:R20-21-22 (EU) Acute Tox. 4, H332; Acute Tox. 4, H312; Acute Tox. 4, H302; Skin Corr. 1B, H314; STOT SE 3, H335 (CLP)
Alcohols, C12-15, ethoxylated	68131-39-5	NLP 500-195-7	0.1 - 1.0	Xn:R22; N:R50 (Self Classified) Acute Tox. 4, H302; Aquatic Acute 1, H400,M=1 (Self Classified)
Perfumes	Mixture		0.1 - 1.0	
(R)-p-mentha-1,8-diene	5989-27-5	EINECS 227-813-5	0.0558	Xi:R38; N:R50/53; R43; R10 - Nota C (EU)

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				Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400,M=1; Aquatic Chronic 1, H410,M=1 - Nota C (CLP)
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Please see section 16 for the full text of any R phrases and H statements referred to in this section

Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

Skin contact

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Inhalation

Remove person to fresh air. Get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

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

See Section 11.1 Information on toxicological effects

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

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

5.3. Advice for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate the area with fresh air.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Clean up residue with detergent and water. Collect as much of the spilled material as possible. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Seal the container.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid eye contact. Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not breathe dust/fume/gas/mist/vapours/spray. For industrial or professional use only. Do not use in a confined area or areas with little or no air movement. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
2-Butoxyethanol	111-76-2	Health and Safety Comm. (UK)	TWA:25 ppm;STEL:50 ppm	Skin Notation
2-aminoethanol	141-43-5	Health and Safety Comm. (UK)	TWA:2.5 mg/m ³ (1 ppm);STEL:7.6 mg/m ³ (3 ppm)	Skin Notation

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m³: milligrams per cubic metre

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Wear eye/face protection.

The following eye protection(s) are recommended: Safety glasses with side shields.

Indirect vented goggles.

Skin/hand protection

Wear protective gloves.
Gloves made from the following material(s) are recommended: Butyl rubber.
Neoprene.
Nitrile rubber.

Respiratory protection

None required.

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

Physical state	Liquid.
Specific Physical Form:	Aerosol
Appearance/Odour	Off white, milky liquid.
pH	11 - 12
Boiling point/boiling range	± 100 °C
Melting point	<i>Not applicable.</i>
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	<i>Not applicable.</i>
Flammable Limits(LEL)	<i>No data available.</i>
Flammable Limits(UEL)	<i>No data available.</i>
Vapour pressure	<i>No data available.</i>
Relative density	± 1 [<i>Ref Std: WATER=1</i>]
Water solubility	Complete
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>No data available.</i>
Vapour density	<i>No data available.</i>
Viscosity	<i>No data available.</i>
Density	± 1

9.2. Other information

Volatile organic compounds (VOC)	10 - 49 % [<i>Test Method: calculated per CARB title 2</i>]
Percent volatile	78 - 100 %
VOC less H₂O & exempt solvents	345 - 1050 g/l [<i>Test Method: calculated per CARB title 2</i>]

SECTION 10: Stability and reactivity**10.1 Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Heat.
Sparks and/or flames.

10.5 Incompatible materials

Strong oxidising agents.
Strong acids.

10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Carbon dioxide.	Not specified.
Carbon monoxide.	Not specified.
Irritant vapours or gases.	Not specified.
Oxides of nitrogen.	Not specified.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Eye contact

Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Skin contact

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

Inhalation

Harmful if inhaled. Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Intentional concentration and inhalation may be harmful or fatal.

Ingestion

May be harmful if swallowed.

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

Target Organ Effects:

Blood effects: Signs/symptoms may include generalised weakness and fatigue, skin pallor, changes in blood clotting time, internal bleeding, and hemoglobinemia. Cardiac sensitisation: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal. Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Hematopoietic effects: Signs/symptoms may include generalised weakness, fatigue and alterations in numbers of circulating blood cells. Liver effects: Signs/symptoms may include loss of appetite, weight loss, fatigue, weakness, abdominal tenderness and jaundice. Kidney/Bladder effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

Respiratory effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate,

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bluish coloured skin (cyanosis), sputum production, changes in lung function tests, and respiratory failure.

Toxicological Data**Acute Toxicity**

Name	Route	Species	Value	UN GHS Classification
Overall product	Inhalation-Vapor(4 hr)		No test data available; calculated ATE14 mg/l	Category4 (13.45% unknown)
Overall product	Ingestion		No test data available; calculated ATE3516 mg/kg	Category5 (0% unknown)
2-Butoxyethanol			No data available	
Petroleum gases, liquefied, sweetened			No data available	
2-aminoethanol			No data available	
Alcohols, C12-15, ethoxylated			No data available	
(R)-p-mentha-1,8-diene			No data available	

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be irritant	Category 2
2-Butoxyethanol		No data available	
Petroleum gases, liquefied, sweetened		No data available	
2-aminoethanol		No data available	
Alcohols, C12-15, ethoxylated		No data available	
(R)-p-mentha-1,8-diene		No data available	

Serious Eye Damage/Irritation

Name	Species	Value	UN GHS Classification
Overall product		No test data available; calculated to be severe irritant	Category 2A
2-Butoxyethanol		No data available	
Petroleum gases, liquefied, sweetened		No data available	
2-aminoethanol		No data available	
Alcohols, C12-15, ethoxylated		No data available	
(R)-p-mentha-1,8-diene		No data available	

Skin Sensitisation

Name	Species	Value	UN GHS Classification
Overall product		No test data available.	Not classified based on component data
2-Butoxyethanol		No data available	
Petroleum gases, liquefied, sweetened		No data available	
2-aminoethanol		No data available	
Alcohols, C12-15, ethoxylated		No data available	
(R)-p-mentha-1,8-diene		No data available	

Respiratory Sensitisation

Name	Species	Value	UN GHS Classification
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Overall product		No test data available.	Not classified based on component data
2-Butoxyethanol		No data available	
Petroleum gases, liquefied, sweetened		No data available	
2-aminoethanol		No data available	
Alcohols, C12-15, ethoxylated		No data available	
(R)-p-mentha-1,8-diene		No data available	

Germ Cell Mutagenicity

Name	Route	Value	UN GHS Classification
Overall product		No data available	Overall Germ Cell Mutagenicity classification Not classified
Overall product		No test data available.	
2-Butoxyethanol		No data available	
Petroleum gases, liquefied, sweetened		No data available	
2-aminoethanol		No data available	
Alcohols, C12-15, ethoxylated		No data available	
(R)-p-mentha-1,8-diene		No data available	

Carcinogenicity

Name	Route	Species	Value	UN GHS Classification
Overall product			No test data available.	Not classified based on component data
2-Butoxyethanol			No data available	
Petroleum gases, liquefied, sweetened			No data available	
2-aminoethanol			No data available	
Alcohols, C12-15, ethoxylated			No data available	
(R)-p-mentha-1,8-diene			No data available	

Reproductive Toxicity**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product		No test data available.				Not classified based on component data
2-Butoxyethanol		No data available				
Petroleum gases, liquefied, sweetened		No data available				
2-aminoethanol		No data available				
Alcohols, C12-15, ethoxylated		No data available				
(R)-p-mentha-1,8-diene		No data available				

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

Name	Route	Target	Value	Species	Test	Exposure	UN GHS
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		Organ(s)			result	Duration	Classification
Overall product			No test data available.				Category 1 based on component data
2-Butoxyethanol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification				Not classified
2-Butoxyethanol	Ingestion	central nervous system depression	Some positive data exist, but the data are not sufficient for classification				Not classified
Petroleum gases, liquefied, sweetened			No data available				
2-aminoethanol			No data available				
Alcohols, C12-15, ethoxylated			No data available				
(R)-p-mentha-1,8-diene			No data available				

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration	UN GHS Classification
Overall product			No test data available.				Category 1 based on component data
2-Butoxyethanol			No data available				
Petroleum gases, liquefied, sweetened			No data available				
2-aminoethanol	Inhalation	liver kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification				Not classified
Alcohols, C12-15, ethoxylated			No data available				
(R)-p-mentha-1,8-diene			No data available				

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Aspiration Hazard

Name	Value	UN GHS Classification
Overall product	No test data available.	Not classified based on component and/or viscosity data
2-Butoxyethanol	Not an aspiration hazard	Not classified
Petroleum gases, liquefied, sweetened	Not an aspiration hazard	Not classified
2-aminoethanol	Not an aspiration hazard	Not classified
Alcohols, C12-15, ethoxylated	Not an aspiration hazard	Not classified
(R)-p-mentha-1,8-diene	Not an aspiration hazard	Not classified

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

No product test data available.
No component test data available.

12.2. Persistence and degradability

No test data available.

12.3 : Bioaccumulative potential

No test data available.

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects

No information available.

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations

Facility must be capable of handling aerosol cans. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste. Incinerate in an industrial or commercial facility in the presence of a combustible material.

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The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

070704* Other organic solvents, washing liquids and mother liquors
16 05 04* Gases in pressure containers (including halons) containing dangerous substances

SECTION 14: Transportation information

SECTION 15: Regulatory information

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

Carcinogenicity

<u>Ingredient</u>	<u>CAS Nbr</u>	<u>Classification</u>	<u>Regulation</u>
2-Butoxyethanol	111-76-2	Gr. 3: Not classifiable	International Agency for Research on Cancer
(R)-p-mentha-1,8-diene	5989-27-5	Gr. 3: Not classifiable	International Agency for Research on Cancer

Global inventory status

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS. Contact 3M for more information. The components of this material are in compliance with the China "Regulations on the Environmental Management of New Chemical Substances". Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA.

List of ingredients according to Annex VII D of the regulation on detergents 648/2004/EC

The following ingredient information is provided per Regulation EC No. 648/2004 on Detergents:

Water
Butoxyethanol
Petroleum gases, liquified, sweetened
Ethanolamine
Alcohols, C12-15, ethoxylated
Argilla
Xanthan Gum
Perfumes
Glycol
d-Limonene

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H370	Causes damage to organs.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

List of relevant R-phrases

R10	Flammable.
R12	Extremely flammable.
R20	Harmful by inhalation.
R21	Harmful in contact with skin.
R22	Harmful if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Revision information:

Revision Changes:

Section 15: Carcinogenicity information was modified.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

3M United Kingdom MSDSs are available at www.3M.com/uk