



SAFETY DATA SHEET BUMPER SHINE

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name BUMPER SHINE
Product No. TBR500, TBR503

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

Identified uses Paint Car maintenance product

1.3. Details of the supplier of the safety data sheet

Supplier: TETROSYL LIMITED
BEVIS GREEN WORKS
WALMERSLEY
BURY
BL9 6RE
0161 764 5981
0161 797 5899
info@tetrosyl.com

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R38. F+;R12. N;R51/53.

Human Health

See section 11 for additional information on health hazards.

2.2. Label elements

Detergent Labelling:

>= 30%

Aliphatic hydrocarbons

Labelling



Irritant



Extremely Flammable



Dangerous for the environment

Risk Phrases

R12
R38
R51/53

Extremely flammable.
Irritating to skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

A1

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

BUMPER SHINE

A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children.
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S24	Avoid contact with skin.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

2.3. Other hazards**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

BUTANE/PROPANE BLEND	30-60%
CAS-No.: 68476-85-7	EC No.: 270-704-2
Classification (EC 1272/2008) Flam. Liq. 1 - H224	Classification (67/548/EEC) F+;R12.
IPA	1-5%
CAS-No.: 67-63-0	EC No.: 200-661-7
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT Single 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	30-60%
CAS-No.:	EC No.: 927-510-4 Registration Number: 01-2119475515-33-XXXX
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R38. F;R11. N;R51/53.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

General Information

Remove affected person from source of contamination. Get medical attention immediately!

BUMPER SHINE

Inhalation.

Move injured person into fresh air immediately. Call an ambulance. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Bring these instructions. Place unconscious person on the side in the recovery position and ensure breathing can take place.

Ingestion

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

Skin Contact

Remove contaminated clothing immediately and wash skin with soap and water. Consult a physician for specific advice.

Eye Contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Immediately transport to hospital or eye specialist.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Specific Hazards

In case of fire, toxic and corrosive gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Beware, risk of formation of toxic and corrosive gases.

Protective Measures In Fire

Leave danger zone immediately.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

6.3. Methods and material for containment and cleaning up

For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

BUMPER SHINE

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage Class

Flammable liquid storage.

7.3. Specific end use(s)**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTANE/PROPANE BLEND	WEL	1000 ppm	1750 mg/m ³	1250 ppm	2180 mg/m ³	Carc
IPA	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³	

WEL = Workplace Exposure Limit.

Carc = Capable of causing cancer and/or heritable genetic damage.

8.2. Exposure controls

Protective Equipment



Process Conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

Engineering Measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory Equipment

Wear suitable respiratory protection. Check that mask fits tight and change filter regularly.

Hand Protection

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Protection against this substance requires special consideration.

Eye Protection

Wear tight-fitting goggles or face shield.

Other Protection

Provide eyewash station. AVOID ALL SKIN AND RESPIRATORY CONTACT!

Hygiene Measures

Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

Skin Protection

Protection suit must be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	Clear liquid
Colour	Colourless
Odour	Solvent.
Solubility	Immiscible with water
Initial Boiling Point and Boiling 80	
Range:	
Melting Point (°C)	
Not determined.	

BUMPER SHINE

Relative Density 0.730
Vapour Density (Air=1)
Not determined.
Vapour Pressure
Not determined.
Evaporation Rate
Not determined.
pH-Value, Conc. Solution
Not determined.
Viscosity <50 cps
Decomposition Temperature (°C)
Not determined.
Odour Threshold, Lower
Not determined.
Odour Threshold, Upper
Not determined.
Flash Point (°C) -12
Auto Ignition Temperature (°C)
Not determined.
Flammability Limit - Lower(%)
Not determined.
Flammability Limit - Upper(%)
Not determined.
Partition Coefficient
(N-Octanol/Water)
Not determined.
Oxidising Properties
Not determined.

9.2. Other information**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity****10.2. Chemical stability**

No particular stability concerns.

10.3. Possibility of hazardous reactions**10.4. Conditions to avoid****10.5. Incompatible materials****10.6. Hazardous decomposition products****SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Toxic Dose 1 - LD 50 >5840 (NAPHTHA (PETROLEUM) HYDROTREATED LIGHT) mg/kg (oral rat)

Inhalation

Vapours may cause drowsiness and dizziness.

Skin Contact

Irritating to skin.

Health Warnings

This chemical can be hazardous when inhaled and/or touched. May cause severe internal injury. Vapour from this chemical can be hazardous when inhaled.

BUMPER SHINE

Route of entry

Inhalation. Ingestion. Skin and/or eye contact. Skin absorption.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l >13.4 mg/l (NAPHTHA (PETROLEUM) HYDROTREATED LIGHT)

EC 50, 48 Hrs, Daphnia, mg/l 3 mg/l (NAPHTHA (PETROLEUM) HYDROTREATED LIGHT)

IC 50, 72 Hrs, Algae, mg/l 10 mg/l (NAPHTHA (PETROLEUM) HYDROTREATED LIGHT)

12.2. Persistence and degradability

Degradability:

No data available.

12.3. Bioaccumulative potential

Bioaccumulative Potential:

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment**12.6. Other adverse effects****SECTION 13: DISPOSAL CONSIDERATIONS**

General Information

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Only experts should be permitted to carry out disposal of this material.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General Full protective clothing should be worn when handling this product.

14.1. UN number

UN No. (ADR/RID/ADN) 1950

14.2 UN Proper shipping name

Proper Shipping Name AEROSOLS

14.3 Transport hazard class(es)

ADR/RID/ADN Class 2.1

IMDG Class 2.1

ICAO Class/Division 2.1

Transport Labels



BUMPER SHINE**14.4. Packing group**

IMDG Packing group N/A
ICAO Packing group N/A

14.5. Environmental hazards**14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment**SECTION 16: OTHER INFORMATION**

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued By Health & Safety Department

Revision Date 12/01/2011

Revision 2

Supersedes Date 31/05/2011 v29

Risk Phrases In Full

R12 Extremely flammable.

R65 Harmful: may cause lung damage if swallowed.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

H224 Extremely flammable liquid and vapour.

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Disclaimer

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.