

Safety Data Sheet

according to WHS Regulations

Printing date 14.05.2021

Revision: 14.05.2021

1 Identification

Product Name: BRUNOX® TURBO-SPRAY® (AEROSOL)

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use:

Lubricant, anticorrosion additive, polishing agent, screw loosening agent, maintenance product.

Details of Manufacturer or Importer:

REFINISH IMPORTS PTY LTD
Unit A, 16 -20 Cassola Place
Penrith, NSW 2750

Phone Number: (02) 4709 6377

Emergency telephone number: (CHEMTREC): + (61) -290372994

Email: INFO@REFINISHIMPORTSANZ.COM

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



Flame

Aerosol 2 H223-H229 Flammable aerosol. Pressurized container: may burst if heated.



Health hazard

Aspiration Hazard 1 H304 May be fatal if swallowed and enters airways.

Signal Word Danger

Hazard Statements

H223-H229 Flammable aerosol. Pressurized container: may burst if heated.

H304 May be fatal if swallowed and enters airways.

Precautionary Statements

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

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

Additional Information AUH066 Repeated exposure may cause skin dryness or cracking.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

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Hazardous Components:		
CAS: 64742-47-8	Distillates (petroleum), hydrotreated light ⚠ Aspiration Hazard 1, H304	50 - 100%
CAS: 124-38-9	Carbon dioxide ⚠ Press. Gas C, H280	2.5 - <10%
CAS: 68608-26-4	Sulfonic acids, petroleum, sodium salts ⚠ Serious Eye Damage/Irritation 2A, H319	2.5 - <10%

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May cause nausea, headaches and dizziness.

Skin Contact: No adverse health effects expected.

Eye Contact: No adverse health effects expected.

Ingestion: May cause gastrointestinal irritation and symptoms similar to inhalation. May be fatal if swallowed and enters airways.

5 Fire Fighting Measures

Suitable Extinguishing Media: Foam or dry chemical powder.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon.

Product is flammable. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.

Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

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Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so. Remove leaking containers to a well-ventilated area and allow to discharge. Absorb spills with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Take precautionary measures against static discharge. Do not pierce or burn containers, even after use. Do not spray at flame or other ignition source. Do not expose to temperatures above 50 °C.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in original container. Protect from heat, sparks, open flames and other sources of ignition. Store below 25 °C.

8 Exposure Controls and Personal Protection

Exposure Standards:**CAS: 124-38-9 Carbon dioxide**

WES	STEL: 54000 mg/m ³ , 30000 ppm TWA: 9000 22500* mg/m ³ , 5000 12500* ppm *in coal mines
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Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:

Use an approved Type AX/P2 vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Nitrile rubber or neoprene gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Aerosol
Colour:	Clear
Odour:	Characteristic
Odour Threshold:	No information available

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pH-Value:	No information available
Melting point/freezing point:	-60 °C
Initial Boiling Point/Boiling Range:	175 °C
Flash Point:	78 °C
Flammability:	Flammable.
Ignition Temperature	210 °C
Auto-ignition Temperature:	Product is not self-igniting.
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	0.5 Vol %
Upper:	6.5 Vol %
Vapour Pressure at 20 °C:	2 hPa
Density at 20 °C:	0.83 g/cm ³
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	No information available
Partition Coefficient (n-octanol/water):	No information available
Viscosity at 20 °C:	4 mPas
Solvent separation test:	
VOC:	0 %

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Heat, sparks, open flames and other sources of ignition.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: Oxides of carbon.

11 Toxicological Information

Toxicity:

LD50/LC50 Values Relevant for Classification:

CAS: 64742-47-8 Distillates (petroleum), hydrotreated light

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	2,000-4,000 mg/kg (rat)
		2,000-4,000 mg/kg (rabbit)
Inhalation	LC50/4 h	5.2 mg/l (rat)

CAS: 124-38-9 Carbon dioxide

Inhalation	LC50/4 h	820,000 ppm (rat)
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Acute Health Effects

Inhalation: May cause nausea, headaches and dizziness.

Skin: No adverse health effects expected.

Eye: No adverse health effects expected.

Ingestion:

May cause gastrointestinal irritation and symptoms similar to inhalation. May be fatal if swallowed and enters airways.

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Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: May be fatal if swallowed and enters airways.**Chronic Health Effects:** Repeated exposure may cause skin dryness or cracking.**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:****CAS: 64742-47-8 Distillates (petroleum), hydrotreated light**

EC50/48 h 1.4 mg/l (daphnia)

EC50/72 h 1 mg/l (pseudokirchnerie lla subcapitata)

LC50/96 h 25 mg/l (rainbow trout)

Persistence and Degradability: No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:**

Classified as Water Hazard Class 1 according to the German Regulations - Slightly hazardous for water.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number**ADG, IMDG, IATA**

UN1950

Proper Shipping Name**ADG, IMDG, IATA**

AEROSOLS

Dangerous Goods Class**ADG Class:**

2.1

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Subsidiary Risk:**Packing Group:** Not applicable**Marine pollutant:****EMS Number:** F-D,S-U**Special Provisions:** 63, 190, 277, 327, 344, 381**Transport/Additional information:****Limited Quantities:** 1L**Packagings & IBCs - Packing Instruction:** P207, LP200**Packagings & IBCs - Special Packing Provisions:** PP87, L2

15 Regulatory Information

Australian Inventory of Industrial Chemicals:
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All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
Not Scheduled.

16 Other Information

Date of Preparation or Last Revision: 18.08.2020**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Aerosol 2: Aerosols – Category 2

Press. Gas C: Gases under pressure – Compressed gas

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

Aspiration Hazard 1: Aspiration hazard – Category 1

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020”

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