



Section 1: Identification of the Material and Supplier

Product Name: Bowl Care Powder

Other Names: Sodium hydrogen sulphate mixture.

Proper shipping name (ADG Code): Corrosive solid, acidic, inorganic, n.o.s. (sodium hydrogen sulphate solid).

Recommended use: As a foaming cleanser for toilet bowls.
Use as directed on the product label.

Supplier: Hunters Products (TAS) Pty. Ltd.,
A.C.N. 004 601 263

HEAD OFFICE

60 Gleadow Street,
INVERMAY TAS 7248
Tel: 03 6331 4755
Fax: 03 6334 1065

HOBART OFFICE

105 Albert Road,
MOONAH TAS 7009
Tel: 03 6228 7955
Fax: 03 6228 7988

BURNIE OFFICE

22 Pearl Street,
WIVENHOE TAS 7320
Tel: 03 6431 9627
Fax: 03 6432 2083

Emergency Phone Numbers:

Transport/Fire Emergency: 000 (Emergency services)
Medical Emergency: 131126 (Poisons Information Centre)

Section 2: Hazards Identification

Classified as hazardous according to criteria of Worksafe Australia.

Dangerous goods.

Risk Phrases: R: 41 Risk of serious eye damage.

Safety Phrases: S: 2 Keep out of the reach of children.
S: 24 Avoid contact with skin.
S: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Section 3: Composition/Information on Ingredients

Ingredients:

Sodium hydrogen sulphate anhydrous	[7681-38-1]	30 - 60 %
Other ingredients deemed not to be hazardous		to 100 %

Section 4: First Aid Measures

For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.

Swallowed: If swallowed, do NOT induce vomiting.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Eyes: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Inhaled: Remove from exposure, rest and keep warm. Seek medical advice.

First Aid facilities:

Recommended: Eye wash. Hand wash basin.

Advice to Doctor:

Product contains a high proportion of sodium bisulphate and a small quantity of sodium bicarbonate; contact with moisture will generate a small quantity of carbon dioxide, and a moderate quantity of sulphuric acid. May cause burns to moist tissues. May cause permanent damage to eyes. Contact Poisons Information Centre.

Aggravated medical conditions:

No specific data found.

Section 5: Fire Fighting Measures

HAZCHEM Code: 2 X

Evacuate: No.

Extinguishant: Water fog or fine water spray.

Risk of violent reaction or explosion: No.

Products of combustion: Oxides of sulphur, oxides of carbon.

Protective Equipment: Full protective clothing including breathing apparatus and protective gloves.

Section 6: Accidental Release Measures

Emergency Procedures:

Contain.

For large spills:

Contain spillages with sand or earth. Transfer both liquid and solids to suitable container(s). Treat residues as for small spills.

For small spills:

Small spills may be neutralised by the liberal application of soda ash. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise, absorb on inert absorbent and transfer to suitable container. Wash site of spillage thoroughly with water and detergent. Ventilate area to dispel any residual vapours.

Section 7: Handling and Storage

Precautions for safe handling:

Keep dry until ready to use.
Avoid contact with skin and eyes.

Conditions for safe storage:

Store in a cool, dry, well ventilated place, out of reach of children. Large quantities should be stored in a dangerous goods store. Store in original container. Keep container tightly closed and out of direct sunlight. Protect from moisture, alkalis. Protect from physical damage. Clean up all spills and/or splashes promptly; avoid secondary accidents.

Incompatibles:

Moisture, alkalis.

Section 8: Exposure Controls/Personal Protection

National Exposure Standards:

ES-TWA: None assigned by NOHSC, but see:
Nuisance dusts 10 mg/m³

ES-STEL: None assigned.

ES-PEAK: None assigned.

Notations: None.

Biological Limit Values: No data found.

Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if dust risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.

Personal Protective Equipment:

Avoid contact with skin and eyes. Avoid breathing dusts.
Personal protection to be selected from those recommended below,
as appropriate to mode of use, quantity handled and degree of
hazard:-

Normal Use:

Eye/face protection
Gloves, rubber or plastic.

Industrial Quantities:

Dust mask
Face shield or safety glasses
Gloves, rubber or plastic
Plastic apron, sleeves and boots
Impervious overalls.

Section 9: Physical and Chemical Properties

Appearance: White, granular powder.
Odour: Smell of oil of wintergreen.
pH: 1 (in solution) very acidic.
Vapour Pressure: No data.
Vapour Density: No data.
Boiling Point: No data.
Melting Point: No data.
Volatiles: < 1 %
Volatile Organic Compounds (VOC): < 1 %
Evaporation Rate: No data.
Solubilities: Soluble in water with vigorous evolution of
carbon dioxide.
Specific Gravity/Density: No data.
Flash Point: None.
Flammable Limits: None.
Dust Explosion: Will not occur.
Auto-ignition Temperature: No data.

Other Information:

Very acidic mixture. Will react vigorously or violently with
alkalis. Hygroscopic, may absorb moisture from the air. Contact
with moisture will generate a quantity of carbon dioxide.
Aqueous solutions of this product will contain free sulphuric
acid, and will be corrosive to living tissues and some metals.
Spillages will be slippery when wet.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.
Conditions to Avoid: Incompatible materials, moisture.
Incompatible Materials: Alkalis.
Hazardous Decomposition Products: Oxides of sulphur, carbon dioxide.

Hazardous Reactions: May react vigorously or violently with alkalis. Contact with moisture will generate a quantity of carbon dioxide, a simple asphyxiant. If this happens inside a sealed container, violent rupture may occur.

Section 11: Toxicological Information

Health Effects:

No data available for the mixture. Information presented relates to individual ingredients.

Acute:

Swallowed: May be fatal if swallowed. Corrosive to moist tissues. May cause severe burns to mouth, throat and epigastrium. May cause permanent damage, or even perforation, of the digestive tract. Smaller doses are likely to cause sore throat, gastric upset, nausea, vomiting and diarrhoea. An aspiration risk if swallowed.

Skin: Severe irritant, especially when wet. May cause redness, pain and severe burns. Mild exposure may cause skin rash.

Eyes: Corrosive, acidic irritant. May cause redness, lachrymation and pain. Risk of irreversible damage to the eyes. Aqueous solutions will also be severe irritants.

Inhaled: Irritating to the respiratory system. May cause damage to the mucous membranes of the upper respiratory tract, irritation of the nose and throat, laboured breathing. Inhalation of dusts or froth, during swallowing or vomiting, may cause pulmonary oedema (fluid build-up in the lungs) with the potential to become a medical emergency. Onset of symptoms may be delayed.

Chronic: Repeated skin contact may lead to irritation and burns. Chronic exposure to dusts or aerosols (of solutions) may cause lung irritation, tracheal bronchitis, persistent cough and corrosion of the teeth.

LD₅₀: No data found.

Section 12: Ecological Information

Ecotoxicity: Harmful to aquatic organisms.

Persistence and degradability: The surfactant used in this product is considered to be readily biodegradable.

Mobility:	Readily transported by water.
Environmental Fate:	No data.
Bioaccumulative potential:	No data.
Other adverse environmental effects:	Contains a surfactant. May be harmful to aquatic organisms, including fish. Contains a small proportion of phosphate. May contribute to the development of algal blooms in natural waters.

Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal.

Consult appropriate local and State regulations.

Contains a very high proportion of acidic sulphate. Disposal of large quantities of sulphate to concrete sewer, especially in acidic solution, may be regulated by local authorities.

Disposal methods and containers:

Avoid disposal to sewer, natural waters or the environment.
Avoid using metal containers.

Special precautions for landfill or incineration:

Unsuitable for incineration.
May be unsuitable for some landfill sites.

Section 14: Transport Information

UN Number:	UN 3260
UN Proper shipping name:	Corrosive solid, acidic, inorganic, n.o.s. (sodium hydrogen sulphate).
Class and subsidiary risk:	8 Corrosive.
Packaging group:	II
Special precautions for user:	Do not store or transport with dangerous goods of classes 1, 4.3, 5.1, 5.2, 7, cyanides, alkalis, foodstuff and foodstuff empties.
HAZCHEM Code:	2 X
Material for export:	Regulated. Refer to IMO/IMDG and IATA/ICAO .

Section 15: Regulatory Information

Poisons (SUSDP): Schedule 5
Sodium hydrogen sulfite > 10 %

Dangerous Goods: Yes. UN 3260 8/II 2 X.

Carcinogen: **Australia** **IARC** **NTP** **RTECS**
No. No. No. No.

Agricultural and Veterinary Chemicals Act: Not applicable.

Australian Inventory of Chemical Substances (AICS): Listed.

Other National/International Regulations: No data.

Section 16: Other information

Date of MSDS update: May 2007
Complete review and re-write of all sections.

Abbreviations:

NOHSC - National Occupational Health and Safety Commission.
ACGIH - American Conference of Governmental Industrial Hygienists.
MAK - Maximum workplace concentration - Germany,
(*maximale Arbeitsplatzkonzentration*)
IARC - International Agency for Research on Cancer (France).
NPT - National Toxicology Program (USA).
RTECS - Registry of Toxic Effects of Chemical Substances.

Literature references:

Other Available Sources of Data:

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [2011(2003)] - NOHSC.
Australian Dangerous Goods Code.
Standard for the Uniform Scheduling of Drugs and Poisons - AHMAC.
Exposure Standards for Atmospheric Contaminants in the Occupational Environment [1003]- NOHSC.
List of Designated Hazardous Substances [10005] - NOHSC.
Merck Index - Merck Inc.
Sax's Dangerous Properties of Industrial Materials - Lewis.
Handbook of Toxic and Hazardous Chemicals and Carcinogens - Sittig.
Handbook of Reactive Chemical Hazards - Bretherick.
Hawley's Condensed Chemical Dictionary - Wiley Interscience.
AUSREG's Chemical Data Package for PCs - AUSREG Consultancy.