



VIRTUE +

Havon Perfect

Safety Data Sheet

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Safety Data Sheet

according to WHS Regulations

Printing date 20.09.2018

Revision: 20.09.2018

1 Identification

Product Name: HAVON PERFECT**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Detergent.**Details of Manufacturer or Importer:**

Virtue Plus
13 Fawcner Ave,
Kings Meadows TAS 7249

Phone Number: (03) 6344 8400**Emergency telephone number:** 1800 205 506, +64 7958 2372

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.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



flame over circle

Oxidising Solids 2

H272 May intensify fire; oxidiser.



corrosion

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.



STOT SE 3

H335 May cause respiratory irritation.

Signal Word Danger**Hazard Statements**

H272 May intensify fire; oxidiser.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Precautionary Statements

P210 Keep away from heat. - No smoking.

P220 Keep/Store away from clothing/combustible materials.

P221 Take any precaution to avoid mixing with combustibles.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.

P310 Immediately call a POISON CENTER/doctor.

P370+P378 In case of fire: Use to extinguish: CO2, powder or water spray.

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

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P405
P501Store locked up.
Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 497-19-8	Sodium carbonate ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ STOT SE 3, H335	10 - <25%
CAS: 15630-89-4	Disodium carbonate, compound with hydrogenperoxide (2:3) ⚠ Oxidising Liquids 2, H272; Oxidising Solids 2, H272; ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302	10 - <14%
CAS: 68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302; Skin Corrosion/Irritation 2, H315	3 - <6.1%
CAS: 16091-19-9	Alcohol Ethoxylate C12-13 ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302	3 - <4.1%
CAS: 1344-09-8	Silicic acid, sodium salt ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Skin Corrosion/Irritation 2, H315; STOT SE 3, H335	3 - <3.5%

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.**Skin Contact:**

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

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

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 medical attention if symptoms occur.

Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation and shortness of breath.

Eye Contact: Causes serious eye damage.

5 Fire Fighting Measures

Suitable Extinguishing Media:

Use fire extinguishing methods suitable to surrounding conditions. Do not use full water jet.

Specific Hazards Arising from the Chemical:

No hazardous decomposition products known.

May intensify fire; oxidiser.

Containers close to fire should be removed if safe to do so.

Special Protective Equipment and Precautions for Fire Fighters:

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

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6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

Environmental Precautions:

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

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and sweep into a pile and shovel into drums for subsequent disposal. Avoid generating dust. Provide adequate ventilation. Rinse spill area with plenty of water.

7 Handling and Storage

Precautions for Safe Handling:

May intensify fire; oxidiser.

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

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, tightly closed when not in use. Protect from extreme heat or cold and atmospheric moisture.

Recommended storage temperature: 5 - 25 °C.

Storage life: 3 years.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Natural ventilation should be adequate under normal use conditions.

Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

In cases of intensive contact wear protective 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.

Barrier creams may be used.

Avoid prolonged or repeated skin contact.

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 dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

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9 Physical and Chemical Properties

Appearance:

Form:	Powder
Colour:	White
Odour:	Product specific
Odour Threshold:	No information available
pH-Value (10 g/l) at 20 °C:	~10.2 - 10.8

Weakly alkaline.

Melting point/freezing point:

Not applicable

Initial Boiling Point/Boiling Range:

Not applicable

Flash Point:

>200 °C

Flammability:

May intensify fire; oxidiser.

Auto-ignition Temperature:

Not applicable

Decomposition Temperature:

No information available

Explosion Limits:**Lower:**

Not applicable

Upper:

Not applicable

Vapour Pressure:

Not determined

Bulk Density:610 - 670 kg/m³**Vapour Density:**

Not determined

Evaporation Rate:

Not applicable

Solubility in Water:

Completely miscible.

Partition Coefficient (n-octanol/water):

No information available

Viscosity:

Not determined

10 Stability and Reactivity

Possibility of Hazardous Reactions:

Hazardous polymerisation will not occur.

May intensify fire; oxidiser.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** Extreme heat or cold and atmospheric moisture.**Incompatible Materials:** No further relevant information available.**Hazardous Decomposition Products:** No hazardous decomposition products known.

11 Toxicological Information

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****CAS: 497-19-8 Sodium carbonate**Oral LD₅₀ 4090 mg/kg (rat)**Acute Health Effects****Inhalation:** May cause respiratory irritation and shortness of breath.**Skin:** No information available**Eye:** Causes serious eye damage.**Ingestion:** No information available**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Causes serious eye damage.

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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:** May cause respiratory irritation.**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

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

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:****CAS: 15630-89-4 Disodium carbonate, compound with hydrogenperoxide (2:3)**LC₅₀/96 h 70.7 mg/l (fathead minnow)EC₅₀/48 h 4.9 mg/l (daphnia)**CAS: 68411-30-3 Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts**EC₅₀/48 h 1 - 10 mg/l (daphnia)**CAS: 497-19-8 Sodium carbonate**LC₅₀/96 h 300 mg/l (fish)EC₅₀/48 h 200 - 227 mg/l (daphnia)**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:** No further relevant information available.

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 Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

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15 Regulatory Information

Australian Inventory of Chemical Substances:

CAS: 497-19-8	Sodium carbonate
CAS: 15630-89-4	Disodium carbonate, compound with hydrogenperoxide (2:3)
CAS: 68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivatives, sodium salts
CAS: 1344-09-8	Silicic acid, sodium salt

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

16 Other Information

Date of Preparation or Last Revision: 20.09.2018**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au
Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

LC₅₀: Lethal concentration, 50 percentLD₅₀: 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)

Oxidising Liquids 2: Oxidising liquids, Hazard Category 2

Oxidising Solids 2: Oxidising solids, Hazard Category 2

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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 - February 2016"

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