

Safety Data Sheet

Issue Date 03-Oct-2011

Revision/Review Date: 04-Sep-2019

Version 1.0

1. IDENTIFICATION

Product Identifier

Product Name Victoria Bay RD-Oven & Grill Cleaner

Other Means of Identification

Product Code K00087/ K00103

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Oven & grill cleaner. For industrial use.

Details of the Supplier of the Safety Data Sheet

Victoria Bay Products
255 Route 1 & 9
Jersey City, NJ 07306

Emergency Telephone Number

Company Phone Number Phone: 1-800-226-3233
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Green

Physical State Liquid

Odor None

Classification

| | |
|-----------------------------------|------------|
| Acute Toxicity - Oral | Category 5 |
| Skin corrosion/irritation | Category 1 |
| Serious eye damage/eye irritation | Category 1 |
| Corrosive to metals | Category 1 |

Signal Word

Danger

Hazard Statements

May be harmful if swallowed.
Causes severe skin burns and eye damage.
May be corrosive to metals.



Precautionary Statements - Prevention

Keep only in original container.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dust/fume/gas/mist/vapors/spray.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician
IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.
IN CASE OF SPILL: Absorb spillage to prevent material damage.

Precautionary Statements - Storage

Store locked up.

Store in corrosive resistant container with a resistant inner liner.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional and/or national regulation.

Other Hazards

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|------------------|-----------|----------|
| Water | 7732-18-5 | 60-100 |
| Sodium Hydroxide | 1310-73-2 | 7-13 |
| Sodium Gluconate | 527-07-1 | 1-5 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

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|---------------------|--|
| Eye Contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. |
| Skin Contact | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. |
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if necessary. |
| Ingestion | Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Get medical advice/attention. |

Most Important Symptoms and Effects

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|-----------------|--|
| Symptoms | Causes serious eye damage. Causes skin burns. Prolonged or repeated exposure can remove natural skin oils and may produce irritation. |
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Indication of Any Immediate Medical Attention and Special Treatment Needed

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| Notes to Physician | Treat symptomatically. May aggravate pre-existing skin disorders and pulmonary diseases. |
|---------------------------|--|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO₂). Water. Foam.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

Heat is liberated when this product is mixed with water, which can result in splattering or dangerous mists.

Hazardous Combustion Products

Normal products of combustion.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

| | |
|----------------------------------|--|
| Personal Precautions | Wear protective clothing as described in Section 8 of this safety data sheet. |
| Environmental Precautions | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information. See Section 12 for additional Ecological Information. |

Methods and Material for Containment and Cleaning Up

| | |
|--------------------------------|--|
| Methods for Containment | Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers. |
| Methods for Clean-Up | Contain and collect with an inert absorbent and place into an appropriate container for disposal. Rinse area with clean water and dry before permitting traffic. |

7. HANDLING AND STORAGE**Precautions for Safe Handling**

| | |
|--------------------------------|--|
| Advice on Safe Handling | Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. For industrial and commercial use only. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. |
|--------------------------------|--|

Conditions for Safe Storage, Including Any Incompatibilities

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|-------------------------------|--|
| Storage Conditions | Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children. Store locked up away from strong oxidants, acids, metals and food. |
| Incompatible Materials | Strong oxidants, acids and metals. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|--------------------------|---------------------------|------------|
| Sodium Hydroxide 1310-73-2 | - | TWA: 2 mg/m ³ | - |
| Sodium Gluconate (nuisance dust) 527-07-1 | TWA: 5 mg/m ³ | TWA: 15 mg/m ³ | - |

Appropriate Engineering Controls

| | |
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| Engineering Controls | Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. Eyewash stations. Showers. |
|-----------------------------|--|

Individual Protection Measures, such as Personal Protective Equipment

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|---------------------------------------|---|
| Eye/Face Protection | Use chemical splash goggles or glasses as necessary to prevent contact. |
| Skin and Body Protection | Chemical resistant, impermeable gloves. Wear suitable protective clothing. |
| Respiratory Protection | Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before |

reuse. Contaminated work clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|----------------|---------------|----------------|----------------|
| Physical State | Liquid | Odor | None |
| Appearance | Clear to hazy | Odor Threshold | Not determined |
| Color | Green | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|------------------------------|-----------------------|-------------------------|
| pH | > 13.0 | |
| Melting Point/Freezing Point | Not determined | |
| Boiling Point/Boiling Range | Not determined | |
| Flash Point | Not applicable | |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | Liquid-not applicable | |
| Upper Flammability Limits | Not applicable | |
| Lower Flammability Limit | Not applicable | |
| Vapor Pressure | Not determined | |
| Vapor Density | Not determined | |
| Specific Gravity | 1.21 | |
| Water Solubility | Completely soluble | @ 25 °C (77 °F) |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Auto-ignition Temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not an explosive | |
| Oxidizing Properties | Not determined | |

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children. Isolate from extreme heat and open flame. Keep from freezing.

Incompatible Materials

Acids, oxidizing agents, and soft metals

Hazardous Decomposition Products

Thermal decomposition can produce oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Causes serious eye damage.

Skin Contact Causes skin burns.

Inhalation Avoid breathing vapors or mists.

Ingestion May be harmful if swallowed.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-------------------------------|------------------------|-------------|-----------------|
| Sodium Hydroxide 1310-73-2 | = 500 mg/kg (Rabbit) | - | - |
| Sodium Gluconate 527-07-1 | >2000 mg/kg (Rat) | - | - |

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Sensitization None known.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Group 3 IARC components are "not classifiable as human carcinogens".

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
| None known | | | | |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

None known.

Component Information

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|-------------------------------|----------------------|--|----------------------------|-------------------|
| Sodium Hydroxide 1310-73-2 | - | 125 mg/L 96hr (fresh water): mosquito fish | - | - |
| Sodium Gluconate 527-07-1 | >1000 mg/L (96hr) | 1000 mg/L (96hr) | - | >1000 mg/L (48hr) |

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Gallon containers or Larger: UN3266, Corrosive Liquid, Basic, Inorganic, NOS (Containing Sodium Hydroxide), 8, PGII
 Quart Bottles or Smaller: Consumer Commodity ORM-D or Limited Quantity

IATA

IMDG

15. REGULATORY INFORMATION

International Inventories

Canada – Domestic Substances List (DSL)
 TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.
 All ingredients are listed or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|-------------------------------|--------------------------|----------------|--------------------------|
| Sodium Hydroxide 1310-73-2 | 1000 lb | | RQ 1000 lb |

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
 Reactive Hazard Yes

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|------------------|-----------|----------|-------------------------------|
| Sodium Hydroxide | 1310-73-2 | 7-13 | |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Component | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|------------|-----------------------------|------------------------|---------------------------|----------------------------|
| None known | | | | |

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | State List |
|---------------|------------|
| | |

| | |
|------------|--|
| None known | |
|------------|--|

- | | |
|--|--|
| AZ- Arizona Ambient Air Quality Guidelines | IL- Illinois Toxic Air Contaminant- Carcinogenic |
| CT- Connecticut Hazardous Air Pollutants | MA- Massachusetts Right to Know List |
| CA- California Director's List of Hazardous Substances | MN- Minnesota Hazardous Substances List |
| CAP65- California Prop65 | NJ- New Jersey Right to Know List |
| FL- Florida Substances List | PA- Pennsylvania Right to Know List |
| ID- Idaho Non-Carcinogen Toxic Air Pollutants | RI- Rhode Island Hazardous Substances List |

16. OTHER INFORMATION

| | | | | |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <u>NFPA</u> | Health Hazards | Flammability | Instability | Special Hazards |
| | Not determined | Not determined | Not determined | Not determined |
| <u>HMIS</u> | Health Hazards | Flammability | Physical Hazards | Personal Protection |
| | 3 | 0 | 0 | Not determined |

| | |
|------------------------------|-------------|
| Issue Date | 03-Oct-2011 |
| Revision/Review Date: | 24-May-2018 |
| Revision Note | Version 1.0 |

Disclaimer
 The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet