PERSONAL CARE PRODUCTS

SAFETY DATA SHEET

Issue Date 20-Dec-2012 **Revision Date** 21-Dec-2012 **Version** 1

1. IDENTIFICATION

Product Identifier

Product Name Oven Cleaner

Other means of identification

SDS # PCP-029

UN/ID No UN1950

Product Code 25950/ PH Fume Free oven cleaner 13oz/ 10048155925950
10970/ PH Oven Cleaner 13oz/ 10048155910970
59629/ Fume Free Oven Cleaner/ 39277-59629
2100/ Oven Cleaner/ 141-2100
2422/ Oven Cleaner 2 PK/ 141-2422

Recommended use of the chemical and restrictions on use

Recommended Use Oven Cleaner.

Details of the supplier of the safety data sheet

Supplier Address
Personal Care Products LLC
3001 West Big Beaver Rd. Ste. 520
Troy, MI 48084
248.971.7600
http://www.personal-care.com

Emergency telephone number

Company Phone Number 248-971-7600

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Germ cell mutagenicity	Category 1B

Signal word
Danger

Hazard statements
Causes severe skin burns and eye damage
May cause genetic defects

Appearance Aerosols **Physical state** Aerosol **Odor** Characteristic

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response
Immediately call a POISON CENTER or doctor/physician
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/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Precautionary Statements - Storage
Store locked up
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Pressurized container: May burst if heated
Other Information
Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
N-Butane	106-97-8	5-10	*
Sodium hydroxide	1310-73-2	1-5	*
Propane	74-98-6	1-5	*
Isobutane	75-28-5	1-5	*
Magnesium aluminosilicate	71205-22-6	1-5	*
Sodium lauryl sulfate	151-21-3	0-5	*
2-Butoxyethanol	111-76-2	0-5	*
Triethanolamine	102-71-6	0-5	*

4. FIRST AID MEASURES

First aid measures

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center immediately.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediate medical attention is required.

Ingestion IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Get medical attention.

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. Get medical attention if irritation develops or persists.

Most important symptoms and effects, both acute and delayed

Symptoms May cause irritation to the mucous membranes and upper respiratory tract. Exposed individuals may experience eye tearing, redness, and discomfort. May cause severe burns to skin, eyes and other body tissue. Irritation and corrosive burns to mouth, throat, and stomach.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific hazards arising from the chemical

Closed containers may explode due to buildup of pressure when exposed to extreme heat. Container explosion may occur under fire conditions. Use water spray to keep containers cool.

Sensitivity to Static Discharge Flammable mixtures of this product are readily ignited even by static discharge.

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 Remove all sources of ignition. Wear protective clothing as described in Section 8 of this safety data sheet. Remove any contaminated clothing and wash thoroughly before reuse.

Environmental precautions Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth).

Methods for cleaning up Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up and shovel into suitable containers for disposal. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Store locked up.

Incompatible materials Acids. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
N-Butane 106-97-8	TWA: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m³	TWA: 800 ppm TWA: 1900 mg/m³
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m³	TWA: 2 mg/m³ (vacated) Ceiling: 2 mg/m³	IDLH: 10 mg/m³ Ceiling: 2 mg/m³
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³
Isobutane 75-28-5	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m³
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m³
Triethanolamine 102-71-6	TWA: 5 mg/m³	-	-

Appropriate engineering controls

Engineering Controls Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

Individual protection measures, such as personal protective equipment

Eye/face protection Splash goggles or safety glasses.

Skin and body protection Wear suitable protective clothing.

Respiratory protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol		
Appearance	Aerosols	**Odor**	Characteristic
Color	Not determined	**Odor threshold**	Not determined

Property	**The following physical data are approximate only and do not represent specification values. They should be used only in the context of this safety data sheet.**	**Remarks • Method**
pH	13-4	
Melting point/freezing point	0 °C 32 °F	
Boiling point/boiling range	100 °C / 212 °F	
Flash point Evaporation rate Flammability (solid, gas) Flammability Limits in Air	-104.4 °C / -156 °F < 1 3.4223 kJ/g estimated	Flashpoint listed is for propellant (water = 1)
Upper flammability limits	3.8%	
Lower flammability limit	18.6%	
Vapor pressure	50-60 psig	@ 25 °C (77 °F)
Vapor density	1.0299 g/cm3 estimated	
Specific Gravity	1.02	
Water solubility	Completely soluble	
Solubility in other solvents	Yes	
Partition coefficient	0	
Autoignition temperature	462 °C / 864 °F	
Decomposition temperature	Not determined	
Kinematic viscosity	Not applicable	
Dynamic viscosity	Not applicable	
Explosive properties	Not an explosive	
Oxidizing properties	Not an oxidizer	

Other Information

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.

Conditions to avoid
Heat, flames and sparks.

Incompatible materials
Acids. Strong oxidizing agents.

Hazardous Decomposition Products
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Breathing of high concentrations may cause dizziness, light-headedness, headache, nausea and loss of coordination.

Eye contact Causes severe eye damage.

Skin Contact Causes severe skin burns.

Ingestion Causes burns.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
N-Butane 106-97-8	-	-	658 mg/L (Rat) 4 h
Sodium hydroxide 1310-73-2	-	1350 mg/kg (Rabbit)	-
Propane 74-98-6	-	-	658 mg/L (Rat) 4 h
Isobutane 75-28-5	-	-	658 mg/L (Rat) 4 h
Sodium lauryl sulfate 151-21-3	= 1288 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m³ (Rat) 1 h
2-Butoxyethanol 111-76-2	470 mg/kg (Rat)	220 mg/kg (Rabbit) 2270 mg/kg (Rat)	2.21 mg/L (Rat) 4 h 450 ppm (Rat) 4 h
Triethanolamine 102-71-6	= 4190 mg/kg (Rat)	> 2000 mg/kg (Rabbit) > 16 mL/kg (Rat)	-

Information on physical, chemical and toxicological effects

Symptoms May cause irritation to the mucous membranes and upper respiratory tract. Exposed individuals may experience eye tearing, redness, and discomfort. May cause severe burns to skin, eyes and other body tissue. Irritation and corrosive burns to mouth, throat, and stomach.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3	Group 3		
Triethanolamine 102-71-6		Group 3		

IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity- Product
Not determined

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (dermal) 848 mg/kg
ATEmix (inhalation-gas) 116056 mg/l
ATEmix (inhalation-dust/mist) 10 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Sodium lauryl sulfate 151-21-3	53: 72 h Desmodesmus subspicatus mg/L EC50 30 - 100: 96 h Desmodesmus subspicatus mg/L EC50 117: 96 h Pseudokirchneriella subcapitata mg/L EC50 3.59 - 15.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	8 - 12.5: 96 h Pimephales promelas mg/L LC50 static 15 - 18.9: 96 h Pimephales promelas mg/L LC50 static 22.1 - 22.8: 96 h Pimephales promelas mg/L LC50 static 4.3 - 8.5: 96 h Oncorhynchus mykiss mg/L LC50 static 4.62: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 4.2: 96 h Oncorhynchus mykiss mg/L LC50 7.97: 96 h Brachydanio rerio mg/L LC50 flow-through 9.9 - 20.1: 96 h Brachydanio rerio mg/L LC50 semi-static 4.06 - 5.75: 96 h Lepomis macrochirus mg/L LC50 static 4.2 - 4.8: 96 h Lepomis macrochirus mg/L LC50 flow-through 4.5: 96 h Lepomis macrochirus mg/L LC50 5.8 - 7.5: 96 h Pimephales promelas mg/L LC50 static 10.2 - 22.5: 96 h Pimephales promelas mg/L LC50 semi-static 6.2 - 9.6: 96 h Pimephales promelas mg/L LC50 13.5 - 18.3: 96 h Poecilia reticulata mg/L LC50 semi-static 10.8 - 16.6: 96 h Poecilia reticulata mg/L LC50 static 1.31: 96 h Cyprinus carpio mg/L LC50 semi-static		1.8: 48 h Daphnia magna mg/L EC50
2-Butoxyethanol 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 >1000: 48 h Daphnia magna mg/L EC50
Triethanolamine 102-71-6	216: 72 h Desmodesmus subspicatus mg/L EC50 169: 96 h Desmodesmus subspicatus mg/L EC50	10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through 1000: 96 h Pimephales promelas mg/L LC50 static 450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static		1386: 24 h Daphnia magna mg/L EC50

Persistence and degradability
Not determined.

Bioaccumulation
Not determined.

Mobility
Not determined.

Chemical Name	Partition coefficient
N-Butane 106-97-8	2.89
Propane 74-98-6	2.3
Isobutane 75-28-5	2.88
Sodium lauryl sulfate 151-21-3	1.6
2-Butoxyethanol 111-76-2	0.81
Triethanolamine 102-71-6	-2.53

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.

Chemical Name	California Hazardous Waste Status
Sodium hydroxide 1310-73-2	Toxic Corrosive

14. TRANSPORT INFORMATION

Note Based on package size, product may be eligible for limited quantity exception

DOT

UN/ID No UN1950
Proper shipping name Aerosols
Hazard Class 2.2

IATA

UN/ID No UN1950
Proper shipping name Aerosols, non-flammable, containing substances in class 8, packing group II
Hazard Class 2.2
Subsidiary hazard class 8

IMDG

UN/ID No UN1950
Proper shipping name Aerosols
Hazard Class 2.2

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*
DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*
EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
ENCS *- Japan Existing and New Chemical Substances* ***IECSC***
- China Inventory of Existing Chemical Substances ***KECL*** *-*
Korean Existing and Evaluated Chemical Substances
PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	111-76-2	0-5	1.0

SARA 311/312 Hazard Categories

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide 1310-73-2	1000 lb			X

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
N-Butane 106-97-8	X	X	X
Sodium hydroxide 1310-73-2	X	X	X
Propane 74-98-6	X	X	X
Isobutane 75-28-5	X	X	X
2-Butoxyethanol 111-76-2	X	X	X
Triethanolamine 102-71-6	X	X	X

U.S. EPA Label Information

16. OTHER INFORMATION

NFPA	**Health hazards** 3	**Flammability** 2	**Instability** 0	**Special Hazards** Not determined **Personal protection** Not determined
HMIS	**Health hazards** Not determined	**Flammability** Not determined	**Physical hazards** Not determined	

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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.

End of Safety Data Sheet