

SAFETY DATA SHEET (SDS) PERFORM



SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identification

Product name : Perform

Other means of identification

Product type : Liquid

Relevant identified uses

Recommended use : Carpet cleaner.

Restrictions on use : All other uses than those indicated on the product label and technical data sheet.

Details of the supplier of the safety data sheet

Supplier / Manufacturer : Kempro Services
9221 rue Edison,
Anjou, Québec.
H1J 1T4
Tel : 1-800-299-0548
E-mail : info@kemproservices.com

Emergency number

Emergency telephone number : Poison Control Centre : 1-800-463-5060
(with hours of operation) CANUTEC : +1-613-996-6666 or *666 (cellphone)(24/7)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

SKIN IRRITATION – Category 2

EYE IRRITATION - Category 2A

GHS Label Elements

Hazard(s) pictograms :



GHS07

Signal word : Warning

Hazard statements : **H315** - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements

- **Prevention** : **P264** Wash thoroughly after handling.
- **Response** : **P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 IF EYE IRRITATION PERSISTS: Get medical attention.
P302+P352 IF ON SKIN: Wash with plenty of water.
P362 Take off contaminated clothing and wash before reuse.

Other known hazards

Not additional information available

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture

Substances : Mixture

Other means of identification : Aqueous solution mainly composed by the following ingredients

CAS number /other identifiers/ Mixtures

CAS number : Not applicable

Ingredient name	% (p/p)	CAS number
Benzenesulfonic acid, C10-16-alkyl derivs	3-7	85536-14-7

2-Butoxyethanol	0.5 - 1.5	111-76-2
Sodium hydroxide	0.1-1.0	1310-73-2

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST-AID MEASURES

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes.
- Inhalation** : Maintain an open airway. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention.
- Ingestion** : If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Produced slight eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Produced skin irritation.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
Pain or irritation, watering, redness
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following:
Pain or irritation, redness
- Ingestion** : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No further relevant information available.

See toxicological information (section 11)

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media** : Carbon dioxide (CO₂), extinguishing powder, water spray or alcohol resistant foam
- Unsuitable extinguishing media** : None known

Specific hazards arising from the chemical

- Fire hazard** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides and metal oxide/oxides.

Special protective equipment and precautions for fire-fighters

- Special protective actions for fire-fighters** : No special measures required

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Put on appropriate personal protective equipment. Keep unnecessary and unprotected personnel from entering. Wear gloves.
For emergency responders : No further relevant information available.

Methods and materials for containment and cleaning up

Methods for containment : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container.
Methods for cleaning up : No special collection methods required. Dispose of in accordance with all national and local regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures : No particular recommendations are needed.
Advice on general occupational hygiene : Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities : No special storage conditions required. Store out of reach of children. Store in suitable labeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

No other important information available.

Individual protection measures

General protection and hygiene measures : Wash hands after handling chemical products and at the end of the working period.
Eye/face protection : Wear eye protection
Hands protection : Wear chemical-resistant, impervious gloves.
Skin & body protection : None under normal conditions of use.
Respiratory Protection : None under normal conditions of use.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance

Physical state : Liquid
Colour : Blue
Odour : Floral
Odor threshold : Not available.
pH : 7.0 – 8.0
Melting point : Not available.
Freezing point : Not available.
Boiling point : >100°C
Flash point : Not available.
Evaporation rate : Not available.
Flammability (solid, gaseous): : Not applicable.
Lower and upper explosive (flammable) limits : Not available.

Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density (g/ml)	: 0.965 – 0.995
Solubility	: Complete in water
Partition coefficient: noctanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.

SECTION 10. STABILITY ET REACTIVITY**Reactivity**

No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability

The product is stable.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

Avoid freezing and extreme heat conditions

Incompatible materials

No specific data

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on toxicological effects****Acute toxicity**

There is no data available.

Irritation/Corrosion

Product/ingredient name	Result		Species	Exposure
Benzenesulfonic acid, C10-16-alkyl derivs	Oral	LD50	Rat	500-200mg/kg
	Dermal	LD50	Rabbit	>2000mg/kg
2-Butoxyethanol	Dermal	LD50	Rabbit	220-400 mg/Kg
	Oral	LD50	Rat	1300-1746 mg/Kg
Sodium hydroxide	Dermal	LD50	Rat	1350mg/kg

Sensibilization

There is no data available.

Mutagenicity

There is no data available.

Cancerogenicity**Classification**

Product/ingredient name	OSHA	CIRC	NTP	ACGIH	EPA	NIOSH
Benzenesulfonic acid, C10-16-alkyl derivs	-	-	-	-	-	-
2-Butoxyethanol	-	-	-	-	-	-
Sodium hydroxide	-	-	-	-	-	-

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

There is no data available.

Information on the likely routes of exposure : Dermal contact. Eye contact. Inhalation. Ingestion.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
Pain or irritation, watering, redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:
Pain or irritation, redness

Ingestion : Stomach pains

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : No known significant effects or critical hazards.

Potential delayed effects : No known significant effects or critical hazards.

Long term exposure

Potential immediate effects : No known significant effects or critical hazards.

Potential delayed effects : No known significant effects or critical hazards.

Potential chronic health effects

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

SECTION 12. ÉCOLOGICAL INFORMATION

Toxicity

Product/ingredient name	Result	Species	Exposure
Benzenesulfonic acid, C10-16-alkyl derivs	Acute LC50 1.67mg/L (Marine water)	Fish	96 hours
	Acute EC50 2.4mg/L (Marine water)	Daphnia Magna – Water fleas	48 hours
	Acute EC50 47.3mg/L (Marine water)	Algae	72 hours
Sodium hydroxide	Acute LC50 45.4mg/L (Marine water)	Salmo gairdneri - Fish	96 hours
2-Butoxyethanol	Acute LC50 820 - 1490 mg/l (Marine water)	Crapet arlequin (Iepomis macrochirus)	96 hours
	Acute LC50 1 474 mg/l (Marine water)	Rainbow trout - (Oncorhynchus mykiss)	96 hours

Persistence and degradability

There is no data available.

Bioaccumulative potential

There is no data available.

Mobility in soil

Soil/water partition coefficient (KOC) : There is no data available

Other adverse effects

No known significant effects or critical hazards.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste treatment methods : Dispose of contents must be made according to local, state or national legislation. Do not allow to get into surface water, drains and ground water.

Container disposal: : Only empty containers could be recycled.

SECTION 14. TRANSPORT INFORMATION

	TDG Classification	IMDG	IATA
UN number		Non-regulated	
UN proper shipping name		Non-regulated	
Transport hazard class(es)		Non-regulated	
Packing group		Non-regulated	
Environmental hazards		Not applicable	
Additional information		Not applicable	

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION 15. REGULATORY INFORMATION

Canadian List

Canadian NPRI : None of the components are listed.
CEPA Toxic substances (Canadian Environmental Protection Act) : None of the components are listed.
Canada inventory : All components are listed or exempted.

SECTION 16. OTHER INFORMATION

History

Date of issue : 07/04/2018
Version : 1
Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
UN = United Nations
HPR = Hazardous Products Regulations

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