

### SECTION 1: IDENTIFICATION

**Product identifier**

<b>Product Name</b>	<b>HUSKY 907 O/O CONC. MULTI-PURPOSE CLEANER &amp; DEGREASER</b>
<b>Authorization number</b>	F907-001
<b>Recommended Use</b>	Concentrated Multi-Purpose Cleaner
<b>Uses advised against</b>	Restrictions on use: Do not use in any fashion not specified on the product label.

**Manufacturer/Supplier**

Canberra Corporation  
 3610 N. Holland-Sylvania Rd.  
 Toledo Ohio 43615  
 United States

Telephone: +1 (419) 841-6616  
 Website: <http://canberracorp.com/>

e-Mail (competent person) regulatorycompliance@canberracorp.com

**Emergency telephone number** 800-424-9300

**National poison center** 800-222-1222

### SECTION 2: HAZARD(S) IDENTIFICATION

**Classification acc. to GHS**

Skin corrosion/irritation.	H314.
Serious eye damage/eye irritation.	H318.
Skin sensitization.	H317.
Flammable liquid.	H227.

**Label elements**

**Signal word** Danger

**Pictograms**



**Hazard statements**

Combustible liquid.  
 Causes severe skin burns and eye damage.  
 May cause an allergic skin reaction.

**Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 Do not breathe dusts or mists.  
 Wear protective gloves/eye protection/face protection.  
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 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/doctor.  
 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

Hazardous ingredients for labelling

Limonene, Hydrogen Peroxide, Potassium Hydroxide

**Other hazards**

This material is combustible, but will not ignite readily.

**Hazards not otherwise classified**

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Name of substance	Identifier	Wt%
Alkylbenzene Sulfonic Acid	CAS No 68584-22-5	5 – < 10
Limonene	CAS No 5989-27-5	5 – < 10
Dipropylene Glycol Methyl Ether	CAS No 34590-94-8	5 – < 10
Hydrogen Peroxide	CAS No 7722-84-1	1 – < 5
Pentasodium Triphosphate	CAS No 7758-29-4	1 – < 5
Potassium Hydroxide	CAS No 1310-58-3	< 1
Sulfuric Acid	CAS No 7664-93-9	< 1

For full text of abbreviations: see SECTION 16.

**SECTION 4: FIRST-AID MEASURES****Following inhalation**

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

**Following skin contact**

Wash with plenty of soap and water.

**Following eye contact**

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

**Following ingestion**

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

**Indication of any immediate medical attention and special treatment needed**

none

**SECTION 5: FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

Water jet

**Special hazards arising from the substance or mixture**

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

**Hazardous combustion products**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

**Environmental precautions**

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

**Methods and material for containment and cleaning up**

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

**SECTION 7: HANDLING AND STORAGE****Precautions for safe handling**

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

- Handling of incompatible substances or mixtures

- Keep away from

Caustic solutions

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

**Conditions for safe storage, including any incompatibilities**

Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Protect against external exposure, such as

frost

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

**Packaging compatibilities**

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

See section 16 for a general overview.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure controls**

**Appropriate engineering controls**

General ventilation.

**Individual protection measures (personal protective equipment)**

**Eye/face protection**

Wear eye/face protection.

**Skin protection**

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls**

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid
<b>Color</b>	None to light yellow
<b>Odor</b>	Citrus
<b>pH (value)</b>	2 – 4
<b>Melting point/freezing point</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not relevant (fluid)
<b>Density</b>	Not determined
<b>Relative density</b>	1.04 – 1.055 at 20 °C (water = 1)

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

**Chemical stability**

See below "Conditions to avoid".

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Incompatible materials**

Oxidizers

**Hazardous decomposition products**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on toxicological effects**

Test data are not available for the complete mixture.

**Classification procedure**

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)****Acute toxicity**

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
Alkylbenzene Sulfonic Acid	68584-22-5	inhalation: vapor	11 mg <sub>l</sub> /4h
Alkylbenzene Sulfonic Acid	68584-22-5	inhalation: dust/mist	>1.9 mg <sub>l</sub> /4h
Hydrogen Peroxide	7722-84-1	oral	500 mg/kg
Hydrogen Peroxide	7722-84-1	inhalation: vapor	11 mg <sub>l</sub> /4h
Pentasodium Triphosphate	7758-29-4	inhalation: dust/mist	>0.39 mg <sub>l</sub> /4h
Potassium Hydroxide	1310-58-3	oral	500 mg/kg
Sulfuric Acid	7664-93-9	inhalation: vapor	3 mg <sub>l</sub> /4h
Sulfuric Acid	7664-93-9	inhalation: dust/mist	0.85 mg <sub>l</sub> /4h

**Skin corrosion/irritation**

Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

May cause an allergic skin reaction.

**Germ cell mutagenicity**

Shall not be classified as germ cell mutagenic.

**Carcinogenicity**

Shall not be classified as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans			
Name of substance	CAS No	Classification	Number
Sulfuric Acid	7664-93-9	1	
Hydrogen Peroxide	7722-84-1	3	
Limonene	5989-27-5	3	

Legend

- 1 Carcinogenic to humans  
3 Not classifiable as to carcinogenicity in humans

National Toxicology Program (United States): Report on Carcinogens			
Name of substance	CAS No	Classification	Number
Sulfuric Acid	7664-93-9	Known to be a human carcinogen	9th Report on Carcinogens

**Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

**Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

**Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

**SECTION 12: ECOLOGICAL INFORMATION****Toxicity**

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Alkylbenzene Sulfonic Acid	68584-22-5	LL50	>10,000 mg/l	fish	96 h
Alkylbenzene Sulfonic Acid	68584-22-5	EC50	>1,000 mg/l	aquatic invertebrates	48 h
Alkylbenzene Sulfonic Acid	68584-22-5	ErC50	>1,000 mg/l	algae	72 h
Dipropylene Glycol Methyl Ether	34590-94-8	LC50	>1,000 mg/l	fish	96 h
Dipropylene Glycol Methyl Ether	34590-94-8	ErC50	>969 mg/l	algae	72 h

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Dipropylene Glycol Methyl Ether	34590-94-8	EC50	>969 mg/l	algae	72 h
Pentasodium Triphosphate	7758-29-4	LC50	>1,850 mg/l	fish	24 h
Pentasodium Triphosphate	7758-29-4	EC50	>100 mg/l	aquatic invertebrates	48 h
Sulfuric Acid	7664-93-9	EC50	>100 mg/l	aquatic invertebrates	48 h
Sulfuric Acid	7664-93-9	ErC50	>100 mg/l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Alkylbenzene Sulfonic Acid	68584-22-5	EC50	≤5,000 mg/l	microorganisms	8 h
Pentasodium Triphosphate	7758-29-4	ErC50	>900 mg/l	algae	7 d
Pentasodium Triphosphate	7758-29-4	EC50	69.2 mg/l	algae	4 d

**Persistence and degradability**

Data are not available.

**Bioaccumulative potential**

Data are not available.

**Mobility in soil**

Data are not available.

**Results of PBT and vPvB assessment**

Data are not available.

**Endocrine disrupting properties**

None of the ingredients are listed.

**Other adverse effects**

Data are not available.

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste treatment methods****Waste treatment-relevant information**

Solvent reclamation/regeneration.

**Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

**Waste treatment of containers/packages**

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

**SECTION 14: TRANSPORT INFORMATION**

UN number not assigned

UN proper shipping name	not assigned
Transport hazard class(es)	not assigned
Packing group	not assigned
Environmental hazards	not assigned

**SECTION 15: REGULATORY INFORMATION****National regulations (United States)****Toxic Substance Control Act (TSCA)** all ingredients are listed**Superfund Amendment and Reauthorization Act (SARA TITLE III )**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

The List of Extremely Hazardous Substances and Their Threshold Planning Quantities				
Name of substance	CAS No	Notes	Reportable quantity (pounds)	Threshold planning quantity (pounds)
Sulfuric Acid	7664-93-9		1,000	1000
Hydrogen Peroxide	7722-84-1	f	1,000	1000

Legend

f Chemical on the original list that does not meet toxicity criteria but because of its acute lethality, high production volume and known risk is considered chemical of concern ("Other chemicals"). (November 17, 1986, and February 15, 1990.)

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings			
Name of substance	CAS No	Remarks	Effective date
Sulfuric Acid	7664-93-9	acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size	1987-01-01

**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
Sulfuric Acid	7664-93-9		1	1000 (454)
Potassium Hydroxide	1310-58-3		1	1000 (454)

Legend

1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act

**Clean Air Act**

none of the ingredients are listed



**Right to Know Hazardous Substance List****- Cleaning Product Right to Know Act Substance List (CA-RTK)**

Name of substance	CAS No	Functionality	Authoritative Lists
Limonene	5989-27-5		EU Fragrance Allergens
Sulfuric Acid	7664-93-9		IARC Carcinogens - 1 NTP 13th RoC - known OEHA RELs Prop 65

**- Toxic or Hazardous Substance List (MA-TURA)**

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
Sulfuric Acid	7664-93-9				1.0 %
Potassium Hydroxide	1310-58-3				1.0 %
Pentasodium Triphosphate	7758-29-4				1.0 %

**- Hazardous Substances List (MN-ERTK)**

Name of substance	CAS No	References	Remarks
Hydrogen Peroxide	7722-84-1	A	
Hydrogen Peroxide	7722-84-1	O	
Dipropylene Glycol Methyl Ether	34590-94-8	A, O	

**Legend**

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- O Occupational Safety and Health Administration (OSHA), Safety and Health Standards, Code of Federal Regulations, title 29, part 1910, subpart Z, "Toxic and Hazardous Substances, 1990." General information: Minnesota Department of Labor and Industry, Occupational Safety and Health Division

**- Hazardous Substance List (NJ-RTK)**

Name of substance	CAS No	Remarks	Classifications
Sulfuric Acid	7664-93-9		CA CO R2
Hydrogen Peroxide	7722-84-1		CO MU R3
Limonene	138-86-3		F2
Dipropylene Glycol Methyl Ether	34590-94-8		F2
Potassium Hydroxide	1310-58-3		CO R1

**Legend**

- CA Carcinogenic
- CO Corrosive
- F2 Flammable - Second Degree
- MU Mutagenic
- R1 Reactive - First Degree
- R2 Reactive - Second Degree
- R3 Reactive - Third Degree

## - Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
SULFURIC ACID	7664-93-9	E
HYDROGEN PEROXIDE (H2O2)	7722-84-1	
PROPANOL, (2-METHOXYMETHYLETHOXY)-	34590-94-8	
POTASSIUM HYDROXIDE (K(OH))	1310-58-3	E
TRIPHOSPHORIC ACID, PENTASODIUM SALT	7758-29-4	E

Legend

E Environmental hazard

## - Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
Sulfuric Acid	7664-93-9	T, F
Dipropylene Glycol Methyl Ether	34590-94-8	T
Potassium Hydroxide	1310-58-3	T, F

Legend

F Flammability (NFPA®)

T Toxicity (ACGIH®)

**California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987**

none of the ingredients are listed

**NPCA-HMIS® III**

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	3	major injury likely unless prompt action is taken and medical treatment is given
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

**NFPA® 704**

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	3	material that, under emergency conditions, can cause serious or permanent injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

**National inventories**

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
US	TSCA	all ingredients are listed

**Legend**

REACH Reg. REACH registered substances  
TSCA Toxic Substance Control Act

**SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION****Key literature references and sources for data**

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

**Classification procedure**

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**List of relevant phrases (code and full text as stated in section 2 and 3)**

Code	Text
H227	Combustible liquid.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

**Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. .