

### SECTION 1: IDENTIFICATION

**Product identifier**

<b>Product Name</b>	<b>Husky Optimum® 245 Color Safe Destainer</b>
<b>Authorization number</b>	F200-008 HSK-245-10
<b>Recommended Use</b>	Color safe destainer
<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**

Serious eye damage/eye irritation. H318.

**Label elements**

**Signal word** Danger

**Pictograms**



**Hazard statements**

Causes serious eye damage.

**Precautionary statements**

Wear eye protection/face protection.  
 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.

**Hazardous ingredients for labelling** Hydrogen Peroxide

**Other hazards**

of no significance

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

Name of substance	Identifier	Wt%
Hydrogen Peroxide	CAS No 7722-84-1	5 – < 10

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. 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**

Explosive when mixed with combustible material.

**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.

**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. Use only in well-ventilated areas.

**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**

Protect against external exposure, such as

frost

- Specific designs for storage rooms or vessels

Do not keep the container sealed.

**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
<b>Odor</b>	None/Characteristic
<b>pH (value)</b>	5.9 – 7.9
<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>	1.02 – 1.05 at 20 °C (water = 1)

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

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

**Chemical stability**

See below "Conditions to avoid".

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

There are no specific conditions known which have to be avoided.

**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
Hydrogen Peroxide	7722-84-1	oral	500 mg/kg
Hydrogen Peroxide	7722-84-1	inhalation: vapor	11 mg/l/4h

**Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

Shall not be classified as a respiratory or skin sensitizer.

**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
Hydrogen Peroxide	7722-84-1	3	

Legend

3 Not classifiable as to carcinogenicity in humans

**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**

Shall not be classified as hazardous to the aquatic environment.

**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****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**

<b>DOT</b>	UN 2984
IMDG-Code	UN 2984
ICAO-TI	UN 2984

**UN proper shipping name**

DOT	Hydrogen peroxide, aqueous solutions
IMDG-Code	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
ICAO-TI	Hydrogen peroxide, aqueous solution

**Transport hazard class(es)**

DOT	5.1
IMDG-Code	5.1
ICAO-TI	5.1

**Packing group**

DOT	III
IMDG-Code	III
ICAO-TI	III

<b>Environmental hazards</b>	non-environmentally hazardous acc. to the dangerous goods regulations
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**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)
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)

none of the ingredients are listed

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

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

none of the ingredients are listed

**Clean Air Act**

none of the ingredients are listed

**Right to Know Hazardous Substance List**

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

- Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
Hydrogen Peroxide	7722-84-1	A	
Hydrogen Peroxide	7722-84-1	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
Hydrogen Peroxide	7722-84-1		CO MU R3

Legend

CO Corrosive

MU Mutagenic

R3 Reactive - Third Degree

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

Name acc. to inventory	CAS No	Classification
HYDROGEN PEROXIDE (H2O2)	7722-84-1	

## - Hazardous Substance List (RI-RTK)

none of the ingredients are listed

**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	/	none
Health	3	major injury likely unless prompt action is taken and medical treatment is given
Flammability	1	material that must be preheated before ignition can occur
Physical hazard	1	material that is normally stable but can become unstable (self-react) at high temperatures and pressures. Material may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors
Personal protection	-	

**NFPA® 704**

Category	Degree of hazard	Description
Flammability	1	material that must be preheated 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	OX	oxidizer that causes a moderate increase in the burning rate of combustible materials with which it comes into contact

**National inventories**

Country	Inventory	Status
US	TSCA	all ingredients are listed
EU	REACH Reg.	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
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. .