

### SECTION 1: IDENTIFICATION

**Product identifier**

**Product Name** HUSKY 1150 TANNIN SPOTTER

**Authorization number** F1150-001

**Recommended Use**

**Uses advised against** 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

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

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

### SECTION 2: HAZARD(S) IDENTIFICATION

**Classification acc. to GHS**

Skin corrosion/irritation. H315.  
Serious eye damage/eye irritation. H319.

**Label elements**

**Signal word** Warning

**Pictograms**



**Hazard statements**

Causes skin irritation.  
Causes serious eye irritation.

**Precautionary statements**

Wear protective gloves.  
If on skin: Wash with plenty of water.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Specific treatment (see on this label).  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.

**Other hazards**

**Hazards not otherwise classified**

Harmful to aquatic life (GHS category 3: aquatic toxicity - acute).

**Results of PBT and vPvB assessment**

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name of substance	Identifier	Wt%
Ammonium Bifluoride	CAS No 1341-49-7	< 1

### Remarks

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

### Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), 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. 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

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>	Peach
<b>Melting point/freezing point</b>	Not determined
<b>Flammability (solid, gas)</b>	Not relevant (fluid)
<b>Lower and upper explosion limit</b>	not determined

<b>Decomposition temperature</b>	not relevant
<b>pH (value)</b>	3.5 – 4.5
<b>Kinematic viscosity</b>	not determined

**Density and/or relative density**

<b>Density</b>	Not determined
<b>Relative density</b>	information on this property is not available
<b>Information with regard to physical hazard classes</b>	hazard classes acc. to GHS (physical hazards): not relevant
<b>Other safety characteristics</b>	there is no additional information

**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
Ammonium Bifluoride	1341-49-7	oral	130 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**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.

### 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

Harmful to aquatic life.

Aquatic toxicity (acute) of components

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Ammonium Bifluoride	1341-49-7	LC50	421.4 mg/l	fish	96 h

### 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

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

### 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

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 subject to transport regulations

UN proper shipping name	not relevant
Transport hazard class(es)	none

<b>Packing group</b>	not assigned
<b>Environmental hazards</b>	non-environmentally hazardous acc. to the dangerous goods regulations

Not subject to transport regulations.

Not subject to IMDG.

Not subject to ICAO-IATA.

## SECTION 15: REGULATORY INFORMATION

### National regulations (United States)

#### Toxic Substance Control Act (TSCA)

not all ingredients are listed (ACTIVE)

#### Superfund Amendment and Reauthorization Act (SARA TITLE III )

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

none of the ingredients are listed

- 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)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
Ammonium Bifluoride	1341-49-7		1	100 (45,4)

#### 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

- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
Ammonium Bifluoride	1341-49-7				1.0 %
Ammonium Bifluoride	7664-41-7				1.0 %

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
Ammonium Bifluoride	1341-49-7		CO

#### Legend

CO Corrosive

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

Name acc. to inventory	CAS No	Classification
AMMONIUM FLUORIDE ((NH <sub>4</sub> )(HF <sub>2</sub> ))	1341-49-7	E

#### Legend

E Environmental hazard

### 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	2	temporary or minor injury may occur
Flammability	1	material that must be preheated 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	1	material that must be preheated before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual 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	not 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
H315	Causes skin irritation.
H319	Causes serious eye irritation.

**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. .