



# Safety Data Sheet

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier.

Product identifier. 112150 /  
Product name. Chemspec Rust Remover  
Pure substance/mixture. No Information

### 1.2 Relevant identified uses of the substance or mixture and uses advised against.

Recommended Use. Stain Remover  
Uses advised against. Professional Use Only

### 1.3 Details of the supplier of the safety data sheet.

Supplier. Legend Brands  
15180 Josh Wilson Road  
Burlington, WA 98233  
E-Mail: sds@legendbrands.com  
800-932-3030

Legend Brands Europe  
22 Plover Close Interchange Park  
Newport Pagnell MK069PS UK  
+44 (0) 1908 611211

1.4 Emergency telephone number. INFOTRAC 1-800-535-5053 (North America)  
+1-352-323-3500 (International)

Europe 112  
Austria +43 1 406 43 43  
Belgium Poison center (BE): +32 70 245 245  
Denmark Poison Control Hotline (DK): +45 82 12 12 12  
Finland Poison Information Centre (FI): +358 9 471 9773  
France ORFILA (FR): + 01 45 42 59 59  
Germany Poison Center Berlin (DE): +49 030 30686 790  
Poison Center Nord: +49 551 19240(24h available English / German)  
Ireland National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566  
Iceland +354 543 2222  
Italy Poison Center, Milan (IT): +39 02 6610 1029  
Luxemborg 112  
Netherlands National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available To health professionals)  
Norway Poisons Information (NO): + 47 22 591300  
Portugal Poison Information Center (PT): +351 800 250 250  
Spain Poison Information Service (ES): +34 91 562 04 20  
Sweden Poisons Information Center (SV): +46 8 33 12 31  
Switzerland Poison Center: Tel 145; +41 44 251 51 51  
United Kingdom 111 / 0300 020 0155

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture. (Regulation (EC) No 1272/2008)

Acute Toxicity, Oral, category 4  
Skin Corrosion, category 1B

### 2.2 Label elements.

**Signal Word**

Danger

**Hazardous components which must be listed on the label**

AMMONIUM BIFLUORIDE

**Possible Hazards**

&lt; 1% of the mixture consists of ingredient(s) of unknown acute toxicity

**HAZARD STATEMENTS**

H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.

**PRECAUTIONARY STATEMENTS**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264 Wash face, hands and any exposed skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection  
 P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor/physician.  
 P363 Wash contaminated clothing before reuse.  
 P405 Store locked up.  
 P501 Dispose of contents/ container to an approved waste disposal plant.

**2.3 Other hazards**

EMERGENCY OVERVIEW: No Information

**3. Composition/Information on Ingredients****3.1 Substances.**

This product is a mixture. Health hazard information is based on its components.

**3.2 Mixtures.**

CAS-No.	EC No.	REACH Reg No.	Wt. %	Chemical Name	Classification (1272/2008/EC)
1341-49-7	215-676-4	No Information	10-25	AMMONIUM BIFLUORIDE	Acute Tox. 3 Oral (H301) Skin Corr. 1 (H314)

For the full text of the H-Statements mentioned in this Section, see Section 16.

**4. First-aid Measures****4.1 Description of first-aid measures.****General advice.**

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

**Inhalation.**

Move to fresh air.

**Skin contact.**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

**Eye contact.**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

**Ingestion.**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

#### **4.2 Most important symptoms and effects, both acute and delayed.**

##### **Symptoms**

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

#### **4.3 Indication of any immediate medical attention and special treatment needed.**

##### **Notes to physician**

Treat symptomatically.

### **5. Fire-fighting Measures**

#### **5.1 Extinguishing media.**

##### **Suitable extinguishing media.**

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

No Information

##### **Extinguishing media which shall not be used for safety reasons.**

High volume water jet.

#### **5.2 Special hazards arising from the substance or mixture.**

No information available.

#### **5.3 Advice for firefighters.**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use personal protection recommended in Section 8.

### **6. Accidental Release Measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures.**

##### **Personal precautions.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

##### **Advice for emergency responders.**

Use personal protection recommended in Section 8.

#### **6.2 Environmental precautions.**

Prevent product from entering drains. See Section 12 for additional Ecological information.

#### **6.3 Methods and materials for containment and cleaning up.**

##### **Methods for Containment.**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

##### **Methods for cleaning up.**

Use personal protective equipment as required.

#### **6.4 Reference to other sections**

See section 8 for more information.

### **7. Handling and Storage**

#### **7.1 Precautions for safe handling.**

##### **Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice.

##### **Hygiene measures.**

See section 7 for more information.

#### **7.2 Conditions for safe storage, including any incompatibilities.**

##### **Storage Conditions.**

Keep containers tightly closed in a cool, well-ventilated place.

#### **7.3 Specific end use(s)**

**Specific use(s)**

No Information

**Exposure scenario**

No Information Available

<b>8. Exposure Controls/Personal Protection</b>
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**8.1 Control parameters****Exposure Limit Values**

No hazardous items exist

**Derived No Effect Level (DNEL)**

No Information Available

**Predicted No Effect Level (PNEC)**

No Information Available

**8.2. Exposure controls.****Engineering Measures.**

Showers, eyewash stations, and ventilation systems.

**Personal protective equipment.****Eye/Face Protection.**

Safety glasses with side-shields.

**Hand Protection.**

Wear suitable protective clothing.

**Skin and body protection.**

No Information

**Respiratory protection.**

In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene measures.**

See section 7 for more information.

**Environmental Exposure Controls.**

No Information

<b>9. Physical and Chemical Properties</b>
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**9.1 Information on basic physical and chemical properties.**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear
<b>Colour</b>	Colorless
<b>Odour</b>	Low
<b>Odour Threshold</b>	No Information
<b>pH</b>	5.5
<b>Melting point / freezing point (°C)</b>	No Information
<b>Flash Point, (°C)</b>	No Information
<b>Boiling point/range (°C)</b>	100 - 100
<b>Evaporation rate</b>	Faster than Diethyl Ether
<b>Combustibility</b>	Does not Support Combustion
<b>Upper/lower flammability or explosive limits</b>	No Information
<b>Vapour Pressure</b>	No Information
<b>Vapour density</b>	No Information
<b>Specific Gravity (g/cm<sup>3</sup>)</b>	1.036
<b>Solubility in / Miscibility with Water</b>	No Information
<b>Partition Coefficient: n-octanol/water</b>	No Information
<b>Auto-Ignition Temperature (°C)</b>	No Information
<b>Decomposition temperature (°C)</b>	No Information

**Viscosity** No Information  
**Oxidising properties** Not Applicable

**9.2 Other information.**  
**Volatile Organic Compounds (VOC) content** No Information

(See section 16 for abbreviation legend)

## 10. Stability and Reactivity

### 10.1 Reactivity.

Stable under normal conditions.

### 10.2 Chemical stability.

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions.

None known based on information supplied.

### 10.4 Conditions to Avoid.

None known.

### 10.5 Incompatible Materials.

None known based on information supplied.

### 10.6 Hazardous Decomposition Products.

None known.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity

#### Product Information

The product itself has not been tested

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

ATEmix (oral)	1,238.1 mg/kg
ATEmix (dermal)	0.0 mg/kg
ATEMixInhalation	ATEMixInhalation

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
1341-49-7	AMMONIUM BIFLUORIDE	130 mg/kg Rat	N.I.	N.I.

N.I. = No Information

## 12. Ecological Information

### 12.1 Toxicity

10.50% of the mixture consists of ingredient(s) of unknown aquatic toxicity

### 12.2. Persistence and degradability.

No data are available on the product itself

### 12.3. Bioaccumulative potential.

Discharge into the environment must be avoided.

### 12.4 Mobility in soil.

#### Mobility in soil.

No information available

#### Mobility

No information available

### 12.5 Results of PBT and vPvB assessment.

No data are available on the product itself

**12.6 Other adverse effects.**

No information available

**13. Disposal Considerations****13.1 Waste treatment methods.****Waste from residues /unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

No Information

**Other information**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

**14. Transport Information****ADR**

14.1 UN number:	2817
14.2 Proper shipping name:	Quarts ship as Limited Quantity CORROSIVE LIQUID, N.O.S. (AMMONIUM BIFLUORIDE)
14.3 Hazard class(es):	No Information
14.4 Packing group:	III
14.5 Environmental hazards:	No Information
14.6 Special provisions:	No Information

**IMDG**

14.1 UN number:	2817
14.2 Proper shipping name:	Quarts ship as Limited Quantity CORROSIVE LIQUID, N.O.S. (AMMONIUM BIFLUORIDE)
14.3 Hazard class(es):	8
14.4 Packing group:	III
14.5 Marine pollutant:	No Information
Environmental hazards:	No Information
14.6 Special provisions:	No Information
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	No Information

**IATA**

14.1 UN number:	2817
14.2 Proper shipping name:	No Information
14.3 Hazard class(es):	No Information
14.4 Packing group:	No Information
14.5 Environmental hazards:	No Information
14.6 Special provisions:	No Information

**15. Regulatory Information****15.1 Safety, health and environmental regulations/legislation for the substance or mixture:**

**National regulatory information****German WGK classification:** 3

**Remarks:** WGK 0 = in general not a water pollutant  
 WGK 1 = weak water pollutant  
 WGK 2 = water pollutant  
 WGK 3 = severe water pollutant

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Persistent Organic Pollutants**

Not applicable

**Authorizations (Annex XIV) and/or restrictions on use (Annex XVII), Regulation (CE) 1907/2006**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Annex XIV Authorisation List</u>	<u>Annex XVII Restricted list</u>
	Not applicable		

**EU Substances of Very High Concern**

<u>CAS-No.</u>	<u>Chemical Name</u>
	No items on this list exist.

**International Inventories**

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AICS	Complies
NZIoC	-

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian 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.
AICS	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

**16. Other Information**

<b>Revision Date</b>	6/2/2021	<b>Supersedes Date</b>	New MSDS
<b>Reason for revision</b>	No Information		

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006