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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

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**1.1. Identification of the preparation**

Product Name: "SPILL-X-S Agent"  
Chemical Name: Carbon, Activated  
CAS No.: 7440-44-0  
Chemical Formula: C  
EINECS Number: 231-153-3

**1.2. Use of the preparation**

The intended or recommended use of this preparation is as an AID IN CONTROLLING AND CLEANING UP SPILLS.

**1.3. Company identification**

Manufacturer/Supplier: ANSUL INCORPORATED  
Address: One Stanton Street, Marinette, WI 54143-2542  
Prepared by: Safety and Health Department  
Phone: 715-735-7411  
Internet/Home Page: <http://www.ansul.com>  
Date of Issue: September, 2004

**1.4. Emergency telephone**

CHEMTREC 800-424-9300 or 703-527-3887

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

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2.1. Ingredient Name: Carbon, Activated.  
Chemical Formula: C.  
CAS No.: 7440-44-0.  
EINECS Number: 231-153-3.  
Concentration, Wt %: 100 %.  
Hazard Identification: See Heading 3.

- 2.2. (i) There are NO substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC, in concentrations equal to or greater than those laid down in the table set out in Article 3(3) of Directive 1999/45/EC, nor with lower limits given in Annex I to Directive 67/548/EEC or in Annexes II, III or V to Directive 1999/45/EC.
- (ii) There are NO substances for which there are Community workplace exposure limits, which are not already included in (i) above.

NOTE: Unless a component presents a severe hazard, it does not need to be considered in the MSDS if the concentration is less than 1%. [According to Directive 1999/45/EC.]

**3. HAZARDS IDENTIFICATION**

## FOR HUMANS:

## Product:

EU Classification: Not hazardous.

## Threshold Limit Values:

Carbon, activated	OSHA PEL, TWA	15 mg/m <sup>3</sup> , total dust.
	OSHA PEL, TWA	5 mg/m <sup>3</sup> , respirable fraction.
	MAK (DE)	6 mg/m <sup>3</sup> . (a)
	MAC (NL)	2 mg/m <sup>3</sup> . (a)

(a) The value given is applicable to inconvenient dust.

Neither this preparation nor the substances contained in it have been listed as carcinogenic by National Toxicology Program, I.A.R.C., or OSHA.

AS PART OF GOOD INDUSTRIAL AND PERSONAL HYGIENE AND SAFETY PROCEDURE, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes, and clothing.

## SIGNS AND SYMPTOMS:

## Acute Exposure:

Eye Contact: Physical nature of the product (particulate solid) may cause irritation.

Skin Contact: Non-toxic and not a primary skin irritant. Skin irritation index (rabbit) is 0.

Inhalation: Non-toxic and not expected to be a problem.

Ingestion: Non-toxic through ingestion.

Chronic Overexposure: Not determined.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

## FOR ENVIRONMENT:

Not expected to be a problem.

**4. FIRST AID MEASURES**

Eye Contact: Wash with water for a minimum of 15 minutes. If irritation persists seek medical attention.

Skin Contact: Wash affected area with soap and water. If irritation persists seek medical attention.

Inhalation: Remove from exposure. If irritation persists seek medical attention.

Ingestion: No treatment indicated.

**5. FIRE-FIGHTING MEASURES**

There are NO extinguishing media which must not be used for safety reasons.

NO special protective equipment is needed for fire-fighters. Wear protective equipment appropriate for the fire conditions.

**6. ACCIDENTAL RELEASE MEASURES**

For personal protection: Prevent skin and eye contact, see Heading 8.

Clean up: Sweep up, and recover if not contaminated. If contaminated store in a closed vessel until disposed. See Heading 13.

NO harm to the environment is expected from an accidental release of this preparation.

**7. HANDLING AND STORAGE****7.1. Handling**

Care should be taken in handling all chemical substances and preparations.

See incompatibility information in Heading 10.

**7.2. Storage**

NO special conditions are needed for safe storage.

See incompatibility information in Heading 10.

Store in original container or SPILL-GUN applicator. Keep tightly closed until used.

There is minimal danger to the environment from a storage release.

**7.3. Specific use**

The intended or recommended use of this preparation is as an AID IN CONTROLLING AND CLEANING UP SPILLS.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Exposure limit values

Threshold Limit Values:

Carbon, activated:	OSHA PEL, TWA	15 mg/m <sup>3</sup> , total dust.
	OSHA PEL, TWA	5 mg/m <sup>3</sup> , respirable fraction.
	MAK (DE)	6 mg/m <sup>3</sup> . (a)
	MAC (NL)	2 mg/m <sup>3</sup> . (a)

(a) The value given is applicable to inconvenient dust.

### 8.2. Exposure controls

#### 8.2.1. Occupational exposure controls

##### 8.2.1.1. Respiratory protection

Mechanical ventilation is recommended.

Dust mask where dustiness is prevalent.

Use mechanical filter respirator if exposure is prolonged.

##### 8.2.1.2. Hand protection

Use chemical resistant gloves when handling the preparation.

##### 8.2.1.3. Eye protection

Chemical goggles are recommended.

##### 8.2.1.4. Skin protection

Use long sleeved work clothes.

#### 8.2.2. Environmental exposure controls

Mechanical ventilation is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. General information

Appearance:	Black particulate solid.
Odor:	None.

### 9.2. Important health, safety, and environmental information

pH:	Not determined.
Boiling point/boiling range:	Not applicable.
Flash point:	None.
Flammability (solid/gas):	Not flammable.
Explosive properties:	Not explosive.
Oxidizing properties:	Not an oxidizer.
Vapor Pressure:	Not applicable.
Relative Density (Water = 1):	0.48.
Solubility:	
– Water solubility:	Not soluble.
– Fat solubility:	Not soluble.
Partition coefficient, n-octanol/water:	Not applicable.
Viscosity:	Not applicable.
Vapor density (Air = 1):	Not applicable.
Evaporation rate:	Not applicable.

### 9.3. Other information

Auto-ignition temperature:	Does not ignite.
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## 10. STABILITY AND REACTIVITY

### 10.1. Conditions to avoid

There are NO known conditions such as temperature, pressure, light, shock, etc., which may cause a dangerous reaction.

### 10.2. Materials to avoid

Strong oxidizers such as ozone, liquid oxygen, chlorine, and permanganate.

### 10.3. Hazardous decomposition products

Normally stable.

Hazardous polymerization will NOT occur.

Carbon monoxide and carbon dioxide may be generated in a fire.

**11. TOXICOLOGICAL INFORMATION**

Toxicity Data:	Oral LD <sub>50</sub> (rat)	>10 g/kg.
	Inhalation LC <sub>50</sub> (rat)	> 64.4 mg/L.
Irritation Data:	Skin:	Not a primary skin irritant.
	Eye:	Not irritating.

**12. ECOLOGICAL INFORMATION****12.1. Ecotoxicity**

Not determined.

**12.2. Mobility**

Not determined.

**12.3. Persistence and degradability**BOD<sub>5</sub>: About 2 mgO<sub>2</sub>/L.

COD: 2,000 mg/g substance.

**12.4. Bioaccumulative potential**

Not determined.

**12.5. Other adverse effects**

Ozone depletion potential: None.

Photochemical ozone creation potential: None

Global warming potential: None

**13. DISPOSAL CONSIDERATIONS**

No harm to the environment is expected from this preparation.

Dispose of in compliance with national, regional, and local provisions that may be in force.

**14. TRANSPORT INFORMATION**

Hazard Class or Division: Not a hazardous substance.

For additional transport information, contact Ansul Incorporated.

No harm to the environment is expected from this preparation.

**15. REGULATORY INFORMATION**

EU Classification: Not hazardous

Threshold Limit Values:

Carbon, activated:	OSHA PEL, TWA	15 mg/m <sup>3</sup> , total dust.
	OSHA PEL, TWA	5 mg/m <sup>3</sup> , respirable fraction.
	MAK (DE)	6 mg/m <sup>3</sup> . (a)
	MAC (NL)	2 mg/m <sup>3</sup> . (a)

(a) The value given is applicable to inconvenient dust.

EINECS Status: All components are included in EINECS inventories or are exempt from listing.

EPA TSCA Status: All components are included in TSCA inventories or are exempt from listing.

Canadian DSL (Domestic Substances List): All components are included in the DSL or are exempt from listing.

Environmental restrictions: None are known.

Restrictions on Marketing and Use: None are known.

Refer to any other national measures that may be relevant.

**16. OTHER INFORMATION****(HMIS) HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS:**

HEALTH:	<u>0</u>	4. Severe Hazard
FLAMMABILITY:	<u>0</u>	3. Serious Hazard
REACTIVITY:	<u>0</u>	2. Moderate Hazard
		1. Slight Hazard
		0. Minimal Hazard

**(WHMIS) CANADIAN WORKPLACE HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS:**

This product is rated: **Not rated hazardous.**

Format is from directive 2001/58/EC.

EINECS data is from <http://exb.jrc.it/existing-chemicals/>

Data used to compile the data sheet is from Ansul Material Safety Data Sheet, February, 2002.

The EU Classification has been changed in accordance with Directive 1999/45/EC and information in the EINECS ESIS files (Existing Substances Information System).

Toxicological information added from the EINECS ESIS (Existing Substances Information System).

A rating under WHMIS has been added, following the Canadian guidelines.

**17. DISCLAIMER**

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT, BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. ANSUL SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.

N/A = Not Applicable

NDA = No Data Available

MSDS available at <http://www.ansul.com>

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