

SAFETY DATA SHEET



Revision Date 30-Jan-2015
Version 1

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

1.1 Product identifier

Product name DFC Genral Purpose Powder
Product code W.20477

1.2 Product Use Information

Recommended Use Professional Textile Cleaning
Restrictions on use None known

1.3 Supplier Details

Manufacturer Chemspec
901 North Newkirk
Street
Baltimore, MD
21205.
E-mail Address msds@chemspecworld.com

1.4 Emergency telephone number

Emergency telephone number Chemtrec: 1-800-424-9300 for US
+1 703-527-3887 outside US

2. Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

Serious eye damage/eye irritation	Category 2
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2.2 Label elements

Hazard pictograms



Signal Word

Warning

Hazard Statements

H319 - Causes serious eye irritation

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

2.3 Hazards not otherwise classified (HNOC)

None known

2.4 Other information**3. Composition/Information on Ingredients**

Chemical Name	CAS-No	Weight %
Sodium carbonate	497-19-8	20 - 30

4. First Aid Measures**4.1 Description of first-aid measures****First aid measures for different exposure routes**

General advice	Show this material safety data sheet to the doctor in attendance.
Eye contact	Remove contact lenses, if present. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.
Inhalation	Move to fresh air.
Ingestion	Gently wipe or rinse the inside of the mouth with water. Rinse mouth with water and afterwards drink plenty of water or milk.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Recommendations for immediate medical care and/or special treatment

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures**5.1 Extinguishing media**

Suitable extinguishing media	Water spray Foam Dry powder
Unsuitable Extinguishing Media	None.
Special Hazard	Hazardous decomposition products formed under fire conditions

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

5.3 Advice for firefighters

Protective Equipment and Precautions for Firefighters

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

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

7. Handling and Storage

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Use only in area provided with appropriate exhaust ventilation. Keep tightly closed in a dry and cool place.

Incompatible Materials

None known based on information supplied.

8. Exposure Controls/Personal Protection

8.1 Occupational Exposure Limits (OEL)

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

TWA: Time weighted average
STEL: Short term exposure limit

8.2 Exposure controls

Engineering Measures Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and body protection	Wear protective gloves/ protective clothing.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
Hygiene measures	When using, do not eat, drink or smoke.

9. Physical and Chemical Properties

Physical and chemical properties

Physical state	Solid
Appearance	Powder
Color	White
Odor	Low
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH VALUE	10.0	
Boiling point/boiling range		
Flash Point		
Evaporation rate	Not Applicable	
Explosion Limits		
upper	no data available	
lower	no data available	
Vapor pressure	no data available	
Vapor density	no data available	
Relative density	no data available	
Water solubility	Soluble in water	
Partition coefficient: n-octanol/water	no data available	
Viscosity, kinematic	no data available	
Autoignition temperature	no data available	
Decomposition temperature	no data available	
Melting/freezing point	No data available	
Flammability (solid, gas)		

Other information

Volatile organic compounds (VOC) content None

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

No information available

10.5 Incompatible Materials

Strong oxidizing agents

10.6 Hazardous Decomposition Products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke

11. Toxicological Information

11.1 Product Information

Product Information	Product does not present an acute toxicity hazard based on known or supplied information at the Product level
Inhalation	There are no data available for this product.
Eye contact	There are no data available for this product.
Skin contact	There are no data available for this product.
Ingestion	There are no data available for this product.

Component Information**Information on toxicological effects**

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitization	No information available.
Germ Cell Mutagenicity	No information available.
Reproductive toxicity	No information available.
Specific target organ systemic toxicity (single exposure)	No information available.
Specific target organ systemic toxicity (repeated exposure)	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information**Unknown Aquatic Toxicity**

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

12. Ecological Information

12.1 Toxicity**Ecotoxicity effects**

No information available

Acute aquatic toxicity**Persistence and degradability**

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations**13.1 Waste Disposal Guidance****14. Transport Information****DOT**

Not regulated

15. Regulatory Information**15.1 International Inventories**

TSCA	Complies
DSL	Complies
PICCS	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies
NZIoC	Complies

"- " - Not listed

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory***DSL** - Canadian Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**AICS** - Australian Inventory of Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**NZIoC** - New Zealand Inventory of Chemicals**15.2 U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

15.3 U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

16. Other Information				
NFPA	Health Hazard 0	Flammability 0	Instability 0	Physical and chemical hazards -
HMIS	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal protection X
Prepared By	Chemspec Regulatory Affairs/Product Safety			
Revision Date	30-Jan-2015			
Revision Note	No information available			
Disclaimer				
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.				
End of Safety Data Sheet				

NFPA	Health Hazard 0	Flammability 0	Instability 0	Physical and chemical hazards -
HMIS	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal protection X

Prepared By Chemspec Regulatory Affairs/Product Safety
Revision Date 30-Jan-2015

Revision Note
 No information available

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End of Safety Data Sheet