

## BAG CONTAINER DRI® II 125G TY ADHE 64/C

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Substance key: SCICONTDRI2  
Version : 2 - 0 / USA

Revision Date: 04/13/2015  
Date of printing :05/01/2015

## SECTION 1. IDENTIFICATION

<b>Identification of the company:</b>	Clariant Corporation 4000 Monroe Road Charlotte, NC, 28205 Telephone No.: +1 704 331 7000
<b>Information of the substance/preparation:</b>	Product Stewardship 1-704-331-7710
<b>Emergency tel. number:</b>	+1 800-424-9300 CHEMTREC

**Trade name:** BAG CONTAINER DRI® II 125G TY ADHE 64/C  
**Material number:** 251899

**Primary product use:** Adsorbing medium for technical applications

**Primary product use:** Catalyst

**Chemical family:** Dehumidifying Agent

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Eye irritation : Category 2A

**GHS Label element**

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.  
**Response:**  
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.

**Other hazards**

None known.

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
Calcium chloride	10043-52-4	> 1
Starch, hydrogen phosphate	55963-33-2	< 1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**SECTION 4. FIRST AID MEASURES**

- General advice : No known delayed effects. Consult a physician for all exposures except for minor instances.
- If inhaled : Remove to fresh air.  
Call a physician if irritation develops or persists.  
Call a physician if symptoms occur.
- In case of skin contact : Before washing use a dry brush to remove dust from skin.  
Wash area with mild soap and copious amounts of water.  
Call a physician if irritation develops or persists.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately if irritation develops and persists.
- If swallowed : Drink water as a precaution.  
Call your local Poison Control Center (In the U.S. call 1-800-222-1222).
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).  
No additional symptoms are known.
- Notes to physician : Treat symptomatically.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
Chlorine

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None known.

- Further information : Wear full protective clothing and NIOSH/MSHA-approved positive pressure, self-contained breathing apparatus.
- Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid contact with skin, eyes and clothing. Wet packages may swell and burst. Provide enough container space to allow for swelling. Product packages may generate heat upon contact with water or moisture. Store wet or contaminated product packages away from flammable materials. Avoid contact with eyes, skin and clothing. Scoop into suitable containers appropriate for either recovery or disposal to avoid exposure and to comply with applicable waste disposal regulations. Refer to Section 8 for more information.
- Environmental precautions : Prevent further leakage or spillage if safe to do so. Do not flush into surface water.
- Methods and materials for containment and cleaning up : Pick up mechanically. Take up spilled product dry and reuse if possible hygroscopic. Protect against water.

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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.
- Technical measures/Precautions : Store in a dry place.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is 5 mg/m<sup>3</sup> for respirable fraction and 15 mg/m<sup>3</sup> for total dust. ACGIH exposure guidelines of less than 3 mg/m<sup>3</sup> (respirable) and 10 mg/m<sup>3</sup> (inhalable) have been established for particles (insoluble/poorly soluble) not otherwise specified (PNOS).

- Engineering measures** : Good general ventilation should be sufficient to control

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airbourne levels.

## Personal protective equipment

Respiratory protection : Good general ventilation should be sufficient to control airbourne levels.

Hand protection

Remarks : Impervious rubber such as neoprene, nitrile, natural rubber, butyl rubber, PVC, or teflon.

Eye protection : Follow facility guidelines in the absence of dusts.  
Tightly fitting safety goggles

Skin and body protection : Wear protective clothing, including long sleeves and gloves, to prevent skin contact.  
Thoroughly wash clothing before reuse.  
Use of proper hygiene practices in the workplace is recommended.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Solid form

Colour : various

Odour : none

Odour Threshold : not available

pH : 7 - 9

Melting point : not determined

Boiling point : not determined

Flash point : does not flash

Evaporation rate : not available

Upper explosion limit : Not applicable

Lower explosion limit : Not applicable

Vapour pressure : not determined

Relative vapour density : not determined

Density : not determined

Bulk density : not determined

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Solubility(ies)	
Water solubility	: soluble
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: not determined
Decomposition temperature	: no data available
Viscosity	
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use. Stable
Conditions to avoid	: By dilution or solution in water, it can get hot. Contact with water or humid air
Hazardous decomposition products	: No decomposition if stored and applied as directed.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Eye contact  
Skin contact  
Ingestion  
Inhalation

**Acute toxicity****Product:**

Acute oral toxicity	: Acute toxicity estimate: 2,876 mg/kg Method: Calculation method
Acute inhalation toxicity	: Remarks: no data available
Acute dermal toxicity	: Remarks: no data available

**Components:****Calcium chloride:**

Acute oral toxicity	: LD50 (Rat): 2,301 mg/kg
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Method: OECD Test Guideline 401  
Test substance: anhydrous substance

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Test substance: anhydrous substance

**Skin corrosion/irritation****Components:****Calcium chloride:**

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

Test substance: anhydrous substance

**Serious eye damage/eye irritation****Components:****Calcium chloride:**

Species: Rabbit

Result: Eye irritation

Method: OECD Test Guideline 405

Test substance: anhydrous substance

**Carcinogenicity****IARC** Not listed**OSHA** Not listed**NTP** Not listed**Experience with human exposure****Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Toxicity to fish :  
Remarks: no data available

Toxicity to daphnia and other aquatic invertebrates :  
Remarks: no data available

Toxicity to algae :  
Remarks: no data available

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Toxicity to bacteria : Remarks: no data available

### **Components:**

#### **Calcium chloride:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 4,630 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 2,400 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Selenastrum capricornutum (fresh water algae)): 2,900 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

NOEC (Selenastrum capricornutum (fresh water algae)): 1,000 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

### **Persistence and degradability**

#### **Product:**

Biodegradability : Remarks: no data available

### **Components:**

#### **Calcium chloride:**

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

### **Bioaccumulative potential**

#### **Product:**

Bioaccumulation : Remarks: no data available

### **Components:**

#### **Calcium chloride:**

Bioaccumulation : Remarks: Not relevant for inorganic substances

### **Mobility in soil**

#### **Product:**

Distribution among environmental compartments : Remarks: no data available

### **Components:**

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**Calcium chloride:**

Distribution among environmental compartments : Remarks: no data available

**Other adverse effects**

**Product:**

Additional ecological information : No other adverse effects are identified.

**Components:**

**Calcium chloride:**

Additional ecological information : slightly water endangering

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

RCRA - Resource Conservation and Recovery Authorization Act Waste Code : No -- Not as sold.  
: NONE

Waste from residues : This product, if discarded as sold, is not a Federal RCRA hazardous waste. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

Contaminated packaging : Contaminated packages or drums must be treated as waste, and must be disposed of or treated for reuse/recycling in an installation approved by Environmental Authorities according to local regulations. The wastes generated from such treatment of the packages must be processed in order to avoid environmental contamination.

**SECTION 14. TRANSPORT INFORMATION**

DOT not restricted  
IATA not restricted  
IMDG not restricted

**SECTION 15. REGULATORY INFORMATION**

**EPCRA - Emergency Planning and Community Right-to-Know Act**



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**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 313** : This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

**Clean Water Act**

Contains no known priority pollutants at concentrations greater than 0.1%.

**The components of this product are reported in the following inventories:**

TSCA : All components of this product are listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) Inventory.

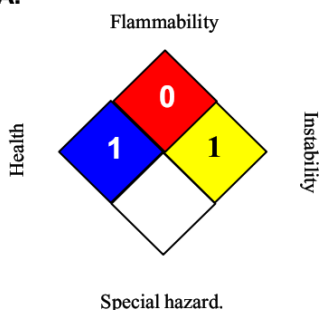
**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

**SECTION 16. OTHER INFORMATION**

**Further information**

**NFPA:**



Handle with care. Toxicity and ecological behaviour of this product have not yet been entirely tested. Do not swallow. Do not inhale dust or vapour. Avoid skin and eye contact.  
Sources of key data used to : Information taken from reference works and the literature.  
compile the Safety Data Sheet

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

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