



Safety Data Sheet

acc. to OSHA HCS

B12528

Date Prepared: 06/04/2016

Reviewed On: 11/30/2015

1 Identification

- **Product Identifier:**
- **Product Name:** Gram Decolorizer
- **Catalog Number:** 212528
- **Application of the substance / the mixture** Laboratory Chemicals
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771 - 0100 or (800) 638 - 8663
Email Address: Technical_Services@bd.com
- **Information Department:** Technical Service
- **Emergency telephone number:**
In case of a chemical emergency, spill, fire, exposure, or accident, contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Danger
- **Hazard-determining components of labeling:**
isopropanol
acetone

(Contd. on page 2)

US



Safety Data Sheet
acc. to OSHA HCS

Date Prepared: 06/04/2016

Reviewed On: 11/30/2015

Product Name: Gram Decolorizer

(Contd. of page 1)







Safety Data Sheet acc. to OSHA HCS

Date Prepared: 06/04/2016

Reviewed On: 11/30/2015

Product Name: Gram Decolorizer

(Contd. of page 5)

- | | |
|--|--|
| · Auto igniting: | Product is not self igniting. |
| · Danger of explosion: | Product is not explosive. However, formation of explosive air/vapor mixtures are possible. |
| · Explosion limits: | |
| Lower: | 3.5 Vol % |
| Upper: | 18.0 Vol % |
| · Vapor pressure at 20 °C (68 °F): | 186.0 hPa (140 mm Hg) |
| · Density at 20 °C (68 °F): | 2.0 - 2.1 g/cm ³ |
| · Solubility in / Miscibility with Water: | Soluble |
| · Solvent content: | |
| Organic solvents: | 100.0 % |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Incompatible materials: strong acids and oxidizers.
- **Hazardous decomposition products:** Carbon monoxide (CO) and carbon dioxide (CO₂)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

(Contd. on page 7)

US



Safety Data Sheet acc. to OSHA HCS

Date Prepared: 06/04/2016

Reviewed On: 11/30/2015

Product Name: Gram Decolorizer

(Contd. of page 6)

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

67-63-0 isopropanol

3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** This material is not expected to be toxic to aquatic life.

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Other information:**

The ecological effects have not been thoroughly investigated, but currently none have been identified.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements. RCRA hazardous waste - RCRA # D001 (unused), F003 (spent).

Must not be disposed of with solid waste.

- **Uncleaned packagings:**

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **UN-Number**

- **DOT**

UN1993

(Contd. on page 8)



Safety Data Sheet
acc. to OSHA HCS

Date Prepared: 06/04/2016

Reviewed On: 11/30/2015

Product Name: Gram Decolorizer

(Contd. of page 7)

· **IMDG, IATA**

1993

· **UN proper shipping name**

· **IMDG, IATA**

FLAMMABLE LIQUID, N.O.S.
(ISOPROPANOL, ACETONE)

· **Transport hazard class(es)**

· **DOT**



Safety Data Sheet
acc. to OSHA HCS

Date Prepared: 06/04/2016

Reviewed On: 11/30/2015

Product Name: Gram Decolorizer

(Contd. of page 8)



Safety Data Sheet acc. to OSHA HCS

Date Prepared: 06/04/2016

Reviewed On: 11/30/2015

Product Name: Gram Decolorizer

(Contd. of page 9)

Precautionary statements

- P210 *Keep away from heat/sparks/open flames/hot surfaces. No smoking.*
- P241 *Use explosion-proof electrical/ventilating/lighting/equipment.*
- P261 *Avoid breathing dust/fume/gas/mist/vapors/spray*
- P280 *Wear protective gloves / eye protection / face protection.*
- P240 *Ground/bond container and receiving equipment.*
- P242 *Use only non-sparking tools.*
- P243 *Take precautionary measures against static discharge.*
- P264 *Wash thoroughly after handling.*
- P271 *Use only outdoors or in a well-ventilated area.*
- P303+P361+P353 *If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*
- P305+P351+P338 *If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
- P304+P340 *IF INHALED: Remove person to fresh air and keep comfortable for breathing.*
- P312 *Call a POISON CENTER/doctor if you feel unwell.*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*
- P370+P378 *In case of fire: Use for extinction: CO2, powder or water spray.*
- P405 *Store locked up.*
- P403+P233 *Store in a well-ventilated place. Keep container tightly closed.*
- P403+P235 *Store in a well-ventilated place. Keep cool.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist.

Department issuing SDS:

Environmental, Health & Safety
Created by Michael J. Spinazzola

· **Contact:** Technical Service Representative

