



Safety Data Sheet

acc. to OSHA HCS

Date Prepared: 06/03/2016

Reviewed On: 11/30/2015

1 Identification

- Product Identifier:
- Product Name: Gram Safranin
- Catalog Number: 212532
- 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. 3 H226 Flammable liquid and vapor.

-
- Label elements
 - GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).
 - Hazard pictograms



GHS02

- Signal word Warning
- Hazard-determining components of labeling:
ethanol
methanol
- Hazard statements
H226 Flammable liquid and vapor.
- Precautionary statements
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P280 Wear protective gloves / eye protection / face protection.
P240 Ground/bond container and receiving equipment.

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P233

Keep container tightly closed.

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- Conditions for safe storage, including any incompatibilities
- Storage
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility:
Do not store together with oxidizing and acidic materials.
- Further information about storage conditions:
Store in cool, dry conditions in well sealed containers.
- Storage class II A
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems:
No further data; see Section 7.
- Control parameters

- Components with limit values that require monitoring at the workplace:

64-17-5 ethanol

PEL 1900 mg/m³, 1000 ppmREL 1900 mg/m³, 1000 ppmTLV 1880 mg/m³, 1000 ppm

67-56-1 methanol

PEL 260 mg/m³, 200 ppmREL Short-term value: 325 mg/m³, 250 ppm
Long-term value: 260 mg/m³, 200 ppm
SkinTLV Short-term value: 328 mg/m³, 250 ppm
Long-term value: 262 mg/m³, 200 ppm
Skin; BEI

- Additional information: Skin



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· 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.
- 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 (ignitable).
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, ADN, IMDG, IATA | Void |
| · UN proper shipping name | |
| · DOT, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | Void |

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· Packing group	
· DOT, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	If "void" appears in the Hazard Class section for the type of transportation, this indicates the product is not regulated for transportation. 49 CFR §173.150 Exceptions For Class 3 (Flammable) and Combustible Liquids being used .
· UN "Model Regulation":	Void





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- Carcinogenic categories
- TLV (Threshold Limit Value established by ACGIH)

64-17-5	ethanol	A4
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H226 Flammable liquid and vapor.
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 - P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 - P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 - P280 Wear protective gloves / eye protection / face protection.
 - P240 Ground/bond container and receiving equipment.
 - P233 Keep container tightly closed.
 - P242 Use only non-sparking tools.
 - P243 Take precautionary measures against static discharge.
 - P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
 - 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.

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- Department issuing SDS:
Environmental, Health & Safety
Created by Michael J. Spinazzola
- Contact: Technical Service Representative
- Date of preparation / last revision 06/03/2016 / 2
- Abbreviations and acronyms:
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 3: Acute toxicity – Category 3
STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

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