
Safety Data Sheet

SECTION 1: Identification of the Substance/Mixture and of the Company.

1.1 Product Identification:

Product Name : Gram Colour Staining Kit
CAT Number : KEMICAS - relevant catalogue numbers
Reach Number : A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation(EC) No907/2006, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the Substance : Laboratory chemicals, not for food and drug

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier : KEMICAS
Email : info@kemicas.com

1.4: Emergency Telephone number

Emergency Number : +31(0)853012877

Section 2: Hazards Identification

2.1 Classification of the substance or mixture according to Regulation (EG 1272/2008)

Flammable liquid, Category2, H225
Eye damage, Category 1, H318
Specific target organ toxicity - single exposure, Category 3, H336
Hazardous to the aquatic environment, Category 3, H412
For the full text of H-sentences mentioned, see Section 16
For the full text of R-sentences mentioned, see Section 16

2.2 GHS Label

GHS-Labeling Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word:

DANGER

Hazard Statements:

- H225** Highly flammable liquid and vapour.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements:

- P210** Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P273 Avoid release to the environment.
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

Hazard Pictograms:



Signal word:

DANGER

Section 3: Composition / Information on Ingredients.

Refer to component SDS

Section 4: First Aid Measures

Refer to component SDS

Section 5: Firefighting Measures.

Extinguishing media

Refer to component

Section 6: Accidental Release Measures.

Refer to component

Section 7: Handling and Storage.

7.1 Precautions for safe handling

Keep away from sources of ignition. Take measures to prevent electrostatic charging. Work under hood. Do not inhale substance. Change contaminated clothing. Wash hands after working with substance. For precautions, refer to section 2.2

7.2 Conditions for safe storage, including any incompatibilities

Closed in a well-ventilated place. Recommended storage temperature see product label.

Storage class (TRGS 510): 3: Flammable liquids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

Section 8: Exposure Controls - Personal Protection.

Refer to component SDS

Section 9: Physical and Chemical Properties.

Refer to component SDS

Section 10: Stability and Reactivity.

Refer to component SDS

Section 11: Toxicological Information.

Refer to component SDS

Section 12: Ecological Information.

Refer to component SDS

Section 13: Disposal Considerations.

Refer to component SDS

Section 14: Transport Information.

Land Transport (ADR/RID)

- 14.1 UN number : UN 1933
- 14.2 Proper shipping name :
- 14.3 Class : 3
- 14.4 Packing : Group II
- 14.5 Environmentally hazardous :
- 14.6 Special precautions for user : No
- 14.7 Tunnel restriction code : (D/E)

Inland waterway transport (ADN)

Not relevant

Air Transport (IATA)

- 14.1 UN number : UN 1933
- 14.2 Proper shipping name :
- 14.3 Class : 3
- 14.4 Packing : Group II
- 14.5 Environmentally hazardous :
- 14.6 Special precautions for user : No

Sea Transport (IMDG)

- 14.1 UN number : UN 1933
- 14.2 Proper shipping name :
- 14.3 Class : 3
- 14.4 Packing : Group II
- 14.5 Environmentally hazardous :
- 14.6 Special precautions for user : No
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not relevant

Section 15: Regulatory Information.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

For this product, an assessment was not carry out.

15.2 Chemical Safety Assessment

For this product, an assessment was not carry out.

Section 16: Other Information.

The information and recommendations in this SDS are to the best of KEMICAS knowledge, information and belief. KEMICAS cannot be held responsible for any damage resulting from any possible error in this publication.

Full text of H-Statements and R-phrases referred to under sections 2 and 3.

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H318	May cause respiratory irritation
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Exposure Scenario 1 (Industrial Use)

1. Industrial use Reagent for analysis, (Chemical production)

Sectors of end-use

SU 3 : Industrial uses: Uses of substances as such or in preparations at industrial sites

SU 9 : Manufacture of fine chemicals

SU10 : Formulation [mixing] of preparations and/ or re-packaging (excluding alloys)

Chemical product category

PC19 : Removed from PC list and relocated in the technical function list (Table R.12- 15)24.

PC21 : Laboratory chemicals

Process categories

PROC 1 : Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.

PROC 2 : Chemical production or refinery in closed

PROC 2 : Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 3 : Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC 4 : Chemical production where opportunity for exposure arises

PROC 5 Mixing or blending in batch processes

PROC 8a : Transfer of substance or mixture (charging and discharging) at non- dedicated facilities 26

PROC 8b : Transfer of substance or mixture (charging and discharging) at dedicated facilities 26

PROC 9 : Transfer of substance or mixture into small containers (dedicated filling line, weighing)

PROC10 : Roller application or brushing

PROC15 : Use as laboratory reagent

Environmental Release Categories

ERC 1 : Manufacture of the substance

ERC 2 : Formulation into mixture

ERC 4 : Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

ERC 6a : Use of intermediate

ERC 6b : Use of reactive processing aid at industrial site (no inclusion into or onto article)

Exposure Scenario 2 (Professional Use)

1. Industrial use Reagent for analysis, (Chemical production)

Sectors of end-use

SU22 : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Chemical product category

PC21 : Laboratory chemicals

Process categories

PROC15 : Use as laboratory reagent

Environmental Release Categories

ERC 2 : Formulation into mixture

ERC 6a : Use of intermediate

ERC 6b : Use of reactive processing aid at industrial site (no inclusion into or onto article)

Disclaimer:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall KEMICAS be liable for any claims, losses, or damages of any third party or for lost profits or any indirect, incidental, consequential or exemplary damages, howsoever arising, even if KEMICAS has been advised of the possibility of such damages.