

CHAITANYA CHS, 2<sup>nd</sup> FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.  
 CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

## MATERIAL SAFETY DATA SHEET (MSDS)

### GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)

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

##### 1.1. Product identifier

Trade name : GRAM'S DECOLOURIZER (ACETONE ALCOHOL)  
 (DECOLOURIZER 50% SOLUTION)  
 Product code : SI0305605000  
 CAS No: N/A

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

Use : Industrial. For professional use only.

##### 1.3. Details of the supplier of the safety data sheet

Company identification : SUVCHEM  
 Chaitanya Tower, 2nd Floor, Office # 206,  
 Siddharth Nagar, S.V. Road,  
 Goregaon (West), Mumbai - 400062,  
 Maharashtra, India.  
 Contact: +91 22 28725393 / 94 / 95  
 Email ID: info@suvchem.com/care@suvchem.com

##### 1.4. Emergency telephone number

Phone no. : + 91 22 28725393 / 94 / 95 (9:00am - 6:00 pm) [ Office hours ]

#### 2. Hazards identification -DSD

##### 2.1. Classification of the substance or mixture

##### Classification EC 67/548 or EC 1999/45

Classification : T; R23/24/25-R39/23/24/25  
 Xi; R36

##### Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Specific Target Organ Toxicity - Single exposure - Category 1 - Danger (CLP : STOT SE 1) H370  
 Acute toxicity, dermal - Category 3 - Danger (CLP : Acute Tox. 3) H311  
 Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319  
 Acute toxicity, Inhalation - Category 3 - Danger (CLP : Acute Tox. 3) H331  
 Acute toxicity, Oral - Category 3 - Danger (CLP : Acute Tox. 3) H301

##### 2.2. Label elements

##### Labelling EC 67/548 or EC 1999/45

**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**2. Hazards identification -DSD (continued)**
**Symbol(s)**

**Symbol(s)**

: T : Toxic

**R Phrase(s)**

: R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.

R36 : Irritating to eyes.

R39/23/24/25 : Toxic : danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

**S Phrase(s)**

: S4 : Keep away from living quarters.

S24 : Avoid contact with skin.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 : After contact with skin, wash immediately with

S35 : This material and its container must be disposed of in a safe way.

S36/37 : Wear suitable protective clothing and gloves.

S38 : In case of insufficient ventilation, wear suitable respiratory equipment.

S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

S59 : Refer to manufacturer/supplier for information on recovery/recycling.

**Contains**

: Acetone - Methanol

**Labelling Regulation EC 1272/2008 (CLP)**
**Hazard pictograms**

**Signal words**

: Danger

**Hazard statements**

: H301 : Toxic if swallowed.

H311 : Toxic in contact with skin.

H331 : Toxic if inhaled.

H319 : Causes serious eye irritation.

H370 : Causes damage to organ.

**Precautionary statements**
**• Prevention**

: P280: Wear protective gloves, protective clothing, eye protection, face protection.

P271: Use only outdoors or in a well-ventilated area.

P260: Do not breathe dust, fume, gas, mist, vapours, spray.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

**• Response**

: P301+P310: IF SWALLOWED : Immediately call a POISON CENTER or doctor.

P307+P311: IF EXPOSED : Call a POISON CENTER or doctor.

P302+P352: IF ON SKIN : Wash with plenty of soap and water.

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 to fresh air and keep at rest in a position comfortable for breathing.

CHAITANYA CHS, 2<sup>nd</sup> FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.  
 CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

## MATERIAL SAFETY DATA SHEET (MSDS)

### GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)

#### 2. Hazards identification -DSD (continued)

- P363: Wash contaminated clothing before reuse.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P361: Remove immediately all contaminated clothing.
- **Storage** : P403+P233: Store in well-ventilated place. Keep container tightly closed.  
 P405: Store locked up.
- **Disposal considerations** : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
 P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- Contains** : Acetone - Methanol

#### 2.3. Other hazards

- Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

#### 3. Composition/information on ingredients

Substance / Preparation		: Preparation.					
Hazardous component(s)		: This product is hazardous.					
Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification	
Acetone	: > 50 < 75 %	67-64-1	200-662-2	606-001-00-8	----	F; R11 R66 R67 Xi; R36	
							Flam. Liq. 2 _ H225 Eye irrit 2 _ H319 STOT SE 3 _ H336 STOT RE _ EUH066
Methanol	: > 50 < 75 %	67-56-1	200-659-6	603-001-00-X	----	F; R11 T; R23/24/25-39/23/24/25	
							Flam. Liq. 2 _ H225 Acute Tox. 3 (skin) _ H311 Acute Tox. 3 (inhal) _ H331 Acute Tox. 3 (oral) _ H301 STOT SE 1 _ H370

#### 4. First aid measures

##### 4.1. Description of first aid measures

- Inhalation** : Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor.
- Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**4. First aid measures (continued)**

<b>Eye contact</b>	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.
<b>Ingestion</b>	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment (see on this label).

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Symptoms relating to use</b>	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Danger of serious damage to health by prolonged exposure through inhalation. Swallowing a small quantity of this material will result in serious health hazard. Causes damage to organ. Causes serious eye irritation.
---------------------------------	--

**4.3. Indication of any immediate medical attention and special treatment needed**

<b>General information</b>	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a POISON CENTER or doctor. Specific treatment (see on this label).
----------------------------	---

**5. Fire-fighting measures**
**5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
<b>Unsuitable extinguishing media</b>	: Do not use a heavy water stream.
<b>Surrounding fires</b>	: Use water spray or fog for cooling exposed containers.

**5.2. Special hazards arising from the substance or mixture**

<b>Hazardous combustion products</b>	: Under fire conditions, hazardous fumes will be present.
--------------------------------------	---

**5.3. Advice for fire-fighters**

<b>Protection against fire</b>	: Do not enter fire area without proper protective equipment, including respiratory protection.
<b>Special procedures</b>	: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

**6. Accidental release measures**
**6.1. Personal precautions, protective equipment and emergency procedures**

<b>For emergency responders</b>	: Equip cleanup crew with proper protection. Ventilate area.
---------------------------------	---

**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**6. Accidental release measures (continued)**

For non-emergency personnel : Avoid breathing dust, fume, gas, mist, vapours, spray.  
: Evacuate unnecessary personnel.

**6.2. Environmental precautions**

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up**

Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials. Collect spillage.

**6.4. Reference to other sections**

See section 8. Exposure controls/personal protection

**7. Handling and storage**
**7.1. Precautions for safe handling**

Handling : Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust, fume, gas, mist, vapours, spray. Use only outdoors or in a well-ventilated area.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage : Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.

Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

**7.3. Specific end use(s)**

Specific end use(s) : None.

**8. Exposure controls/personal protection**
**8.1. Exposure controls**

Personal protection



**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**8. Exposure controls/personal protection (continued)**

<b>Personal protection</b>	: Avoid all unnecessary exposure.
• <b>Respiratory protection</b>	: In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.
• <b>Hand protection</b>	: Wear protective gloves.
• <b>Eye protection</b>	: Chemical goggles or safety glasses.
• <b>Others</b>	: When using, do not eat, drink or smoke.

**8.2. Control parameters**

<b>Occupational Exposure Limits</b>	: No data available.
<b>Occupational Exposure Limits</b>	: Acetone : OEL (UK)-LTEL [ppm] : 500 Acetone : OEL (UK)-STEL [ppm] : 1500 Acetone : VLA-ED [ppm] : 500 Acetone : VLA-ED [mg/m <sup>3</sup> ] : 1210 Methanol : OEL (UK)-LTEL [ppm] : 200 Methanol : OEL (UK)-STEL [ppm] : 250 Methanol : ILV (EU) - 8 H - [mg/m <sup>3</sup> ] : ( 260 Skin. ) Methanol : ILV (EU) - 8 H - [ppm] : ( 200 Skin. ) Methanol : HTP-vården - 8 H - [ppm] : 200 Methanol : HTP-vården - 15min - [ppm] : 250 Methanol : HTP-vården - 8 H - [mg/m <sup>3</sup> ] : 270 Methanol : HTP-vården - 15min - [mg/m <sup>3</sup> ] : 330 Methanol : NGV - [ppm] : 200 Methanol : NGV - [mg/m <sup>3</sup> ] : 250 Methanol : KTV - [ppm] : 250 Methanol : KTV - [mg/m <sup>3</sup> ] : 350 Methanol : VLA-ED [ppm] : 200 Methanol : VLA-ED [mg/m <sup>3</sup> ] : 266 Methanol : VLA-EC [ppm] : 250 Methanol : VLA-EC [mg/m <sup>3</sup> ] : 333

**9. Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

<b>Physical state at 20 °C</b>	: Liquid.
<b>Colour</b>	: Colorless
<b>Odour</b>	: Characteristic.
<b>Odour threshold</b>	: 79.58 ppm
<b>pH value</b>	: No data available.
<b>Melting point [°C]</b>	: -103.68°C
<b>Decomposition point [°C]</b>	: N/A
<b>Critical temperature [°C]</b>	: No data available.

**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**9. Physical and chemical properties (continued)**

Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: Flammable.
Flash point [°C]	: No data available.
Boiling point [°C]	: N/A
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: N/A
Vapour pressure [20°C]	: No data available.
Vapour pressure mm/Hg	: N/A
Vapour density	: 2,07
Density [g/cm <sup>3</sup> ]	: 0,79
Relative density, gas (air=1)	: 1,8
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: Complete.
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: N/A
Viscosity at 40°C [mm <sup>2</sup> /s]	: No data available.

**9.2. Other information**

Explosive properties	: N/A
Explosion limits - upper [%]	: No data available.
Explosion limits - lower [%]	: No data available.
Oxidising properties	: No data available.

**10. Stability and reactivity**
**10.1. Reactivity.**

Reactivity	: Not established.
------------	--------------------

**10.2. Chemical stability**

Chemical stability	: Stable under recommended storage conditions.
--------------------	--

**10.3. Possibility of hazardous reactions**

Hazardous reactions	: Not established.
---------------------	--------------------

**10.4. Conditions to avoid**



**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**10. Stability and reactivity (continued)**

**Conditions to avoid** : Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**

**Materials to avoid** : Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** : Fumes. Carbon monoxide. Carbon dioxide.

**11. Toxicological information**
**11.1. Information on toxicological effects**

**Toxicity information** : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

**Acute toxicity**

- **Inhalation** : Toxic if inhaled.
- **Dermal** : Toxic in contact with skin.
- **Ingestion** : Toxic if swallowed.

**Corrosion** : Based on available data, the classification criteria are not met.

**Irritation** : Causes serious eye irritation.

**Sensitization** : Based on available data, the classification criteria are not met.

**Mutagenicity** : Based on available data, the classification criteria are not met.

**Carcinogenicity** : Based on available data, the classification criteria are not met.

**Toxic for reproduction** : Based on available data, the classification criteria are not met.

**STOT-single exposure** : Causes damage to organ.  
Causes damage to organ.

**STOT-repeated exposure** : Based on available data, the classification criteria are not met.

**Aspiration hazard** : Based on available data, the classification criteria are not met.

**12. Ecological information**
**12.1. Toxicity**

**Toxicity information** : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

**12.2. Persistence - degradability**

**Persistence - degradability** : Biodegradable.



**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**12. Ecological information (continued)**
**12.3. Bioaccumulative potential**

Bioaccumulative potential : Not established.

**12.4. Mobility in soil**

Mobility in soil : Not established.

**12.5. Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

**12.6. Other adverse effects**

Environmental precautions : Avoid release to the environment.

**13. Disposal considerations**
**13.1. Waste treatment methods**

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.  
 Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions : Hazardous waste due to toxicity.

**14. Transport information**
**14.1. Land transport (ADR-RID)**

Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
 UN N° : 1993  
 H.I. nr : 30  
 ADR - Class : 3  
 Labelling - Transport : 3 : Flammable liquid.



ADR - Classification code : F1

**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**14. Transport information (continued)**

ADR - Group	: III
ADR - Packing instructions	: P001 R001 LP001
ADR - Limited Quantity	: 5 L
ADR - Tunnel code	: D/E : Bulk or tank carriage: Passage forbidden through tunnels of category D and E. Other carriage: Passage forbidden through tunnels of category E.


**14.2. Sea transport (IMDG) [English only]**

Proper shipping name	: FLAMMABLE LIQUID, N.O.S.
UN N°	: 1993
IMO-IMDG - Class or division	: 3 : Flammable liquid.
IMO-IMDG - Packing group	: III
IMO-IMDG - Packing instructions	: P001 LP01
IMO-IMDG - Limited quantities	: 5 L
IMO-IMDG - Marine pollution	: Yes
EMS-Nr	: F-E S-E

**14.3. Air transport (ICAO-IATA) [English only]**

Proper shipping name	: FLAMMABLE LIQUID, N.O.S.
UN N°	: 1993
IATA - Class or division	: 3 : Flammable liquid.
IATA - Packing group	: III
IATA - Passenger and Cargo Aircraft	: ALLOWED
- Passenger and Cargo - Packing instruction	: 355
- Passenger and Cargo - Maximum Quantity/Packing	: 60 L
IATA - Cargo only	: ALLOWED
- Cargo only - Packing instruction	: 366
- Cargo only - Maximum Quantity/Packing	: 220 L
IATA - Limited Quantities	: 10 L
ERG-Nr	: 3L

**MATERIAL SAFETY DATA SHEET (MSDS)**
**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**
**15. Regulatory information**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Safety, health and environmental regulations/legislation specific for the substance or mixture** : Ensure all national/local regulations are observed.

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

**15.2. Chemical Safety Assessment**

**Chemical Safety Assessment** : It has not been carried out.

**16. Other information**

**Revision** : Revision - See : \*

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.  
vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**List of relevant R phrases (heading 3)** : R11 : Highly flammable.  
R23/24/25 : Toxic by inhalation, in contact with skin and if swallowed.  
R36 : Irritating to eyes.  
R39/23/24/25 : Toxic : danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.  
R66 : Repeated exposure may cause skin dryness or cracking.  
R67 : Vapours may cause drowsiness and dizziness.

**List of full text of H-statements in section 3** : H225 : Highly flammable liquid and vapour.  
H301 : Toxic if swallowed.  
H311 : Toxic in contact with skin.  
H319 : Causes serious eye irritation.  
H331 : Toxic if inhaled.  
H336 : May cause drowsiness or dizziness.  
H370 : Causes damage to organ.  
EUH066: Repeated exposure may cause skin dryness or cracking.

**Further information** : None.

**MATERIAL SAFETY DATA SHEET (MSDS)**

**GRAM'S DECOLOURIZER (ACETONE ALCOHOL) (DECOLOURIZER 50% SOLUTION)**

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

**DISCLAIMER:**

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

**End of document**