

1. Identification of the substance / mixture and of the company / undertaking
Trade name: Polishing Cream Pink

Supplier: CS Unitec, Inc.

 22 Harbor Ave.
 Norwalk, CT 06850
 Phone: (203) 853-9522

Emergencies: USA: 1-866-480-4077 | Intl.: +1-203-635-0413

2. Hazards identification
2.1. Classification of the substance or mixture
GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements
Additional advice on labelling

Labelling according to Regulation (EC) No. 1272/2008 [CLP]: none

2.3. Other hazards

 The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
 No risks worthy of mention. Please observe the information on the safety data sheet at all times.

3. Composition / Information on ingredients
3.2. Mixtures
Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
934242-87-2	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics			7 - < 10 %
	917-488-4		01-2119458943-27	
	Asp. Tox. 1; H304 EUH066			
	Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics			5 - < 7 %
	920-107-4		01-2119453414-43	
	Asp. Tox. 1; H304			
	Hydrocarbons, C13-C16, isoalkanes, cyclics, <2% aromatics			5 - < 7 %
	918-973-3		01-2119458871-30	
	Asp. Tox. 1; H304			
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics			3 - < 5 %
	926-141-6		01-2119456620-43	
	Asp. Tox. 1; H304 EUH066			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
934242-87-2	917-488-4	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	7 - < 10 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 15000 mg/kg	
	920-107-4	Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics	5 - < 7 %
		dermal: LD50 = > 3160 mg/kg; oral: LD50 = > 15000 mg/kg	
	918-973-3	Hydrocarbons, C13-C16, isoalkanes, cyclics, <2% aromatics	5 - < 7 %
		dermal: LD50 = > 3160 mg/kg; oral: LD50 = > 5000 mg/kg	
	926-141-6	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics	3 - < 5 %
		inhalativ: LC50 = > 20 mg/l (Dämpfe); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % aliphatic hydrocarbons.

Further Information

Aqueous ammonia solutions (CAS 1336-21-6): The REACH registration was carried out for ammonia gas (registration number 01-2119488876-14-xxxx).

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

4. First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest.
In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available.

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

Treat symptomatically.

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

Carbon dioxide (CO₂). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

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

Safe handling: see section 7

For non-emergency personnel

Personal protection equipment: see section 8

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Discharge into the environment must be avoided.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Disposal: see section 13

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

Wear suitable protective clothing. (See section 8.)

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

General protection and hygiene measures: See section 8.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 20°C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

7.3. Specific end use(s)

See section 1.

8. Exposure controls / personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL

8.2. Exposure controls**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Closed devices.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). BS/EN 166

Hand protection

Wear protective gloves

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

- exceeding exposure limit values
- Insufficient ventilation and aerosol or mist formation
- Generation/formation of dust

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P2-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Environmental exposure controls

No special precautionary measures are necessary.

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

Physical state: liquid viscous

Colour: light red

Odour: characteristic

Test method

pH-Value: 8 - 10

Changes in the physical state

Melting point/freezing point: not determined

Boiling point or initial boiling point and boiling range: not determined

Sublimation point: not determined

Softening point: not determined

Pour point: not determined

Flash point: not determined

Sustaining combustion: Not sustaining combustion

Explosive properties

none

Lower explosion limits: not determined

Upper explosion limits: not determined

Auto-ignition temperature: not determined

Self-ignition temperature

Gas: not determined

Decomposition temperature: not determined

Oxidizing properties

none

Vapour pressure: not determined

Density: 1,2 - 1,4 g/cm³

Water solubility: not determined

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic (at 40 °C): 1008 mm²/s DIN 53019

Flow time: not determined

Relative vapour density: not determined

Evaporation rate: not determined

Solvent separation test: not determined

Solvent content: not determined

9.2. Other information

Solid content: 22-24%

No information available.

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

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. Refer to chapter 10.5.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition productsCan be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

11. Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No data available.

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
934242-87-2	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics				
	oral	LD50 > 15000	Rat	ECHA Dossier	OECD Guideline 423
	dermal	LD50 > 5000	Rabbit	ECHA Dossier	OECD Guideline 402
	Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics				
	oral	LD50 > 15000	Rat	Study report (1977)	OECD Guideline 401
	dermal	LD50 > 3160	Rabbit	Study report (1984)	OECD Guideline 402
	Hydrocarbons, C13-C16, isoalkanes, cyclics, <2% aromatics				
	oral	LD50 > 5000	Rat	Study report (1983)	OECD Guideline 401
	dermal	LD50 > 3160	Rabbit	Study report (1983)	OECD Guideline 402
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics				
	oral	LD50 > 5000	Rat	ECHA Dossier	
	dermal	LD50 > 5000	Rat	ECHA Dossier	
	inhalation (4 h) vapour	LC50 > 20 mg/l	Rat	ECHA Dossier	

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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

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.

Specific effects in experiment on an animal

No data available.

11.2. Information on other hazards

Endocrine disrupting properties

No data available.

12. Ecological information

12.1. Toxicity

The product has not been tested.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
934242-87-2	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics					
	Acute algae toxicity	ErC50 >1000 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA Dossier	OECD Guideline 201
	Fish toxicity	NOEC >1000 mg/l	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	QSAR
	Crustacea toxicity	NOEC >1000 mg/l	21 d	Daphnia magna	ECHA Dossier	QSAR
	Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics					
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Registration Dossier	OECD Guideline 201
	Fish toxicity	NOEC > 1000 mg/l	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC > 1000 mg/l	21 d	Daphnia magna	REACH Registration Dossier	The aquatic toxicity was estimated by a

	Hydrocarbons, C13-C16, isoalkanes, cyclics, <2% aromatics					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
	Acute fish toxicity	LL50 > 87556 mg/l	96 h	Oncorhynchus mykiss	Study report, company data (1986)	other: Unpublished Environment Canada Gu
	Acute algae toxicity	ErC50 > 3200 mg/l	72 h	Skeletonema costatum	Study report (2006)	ISO 10253
	Acute crustacea toxicity	EL50 > 42958 mg/l	48 h	other aquatic arthropod: Acartia tonsa	Study report (1996)	other: UK proposal to ISO TC147/SC5/WG2,
	Fish toxicity	NOEC > 1000 mg/l	28 d	Oncorhynchus mykiss	Company report (2010)	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC > 5 mg/l	21 d	Daphnia magna	Study report (1996)	other: OECD guideline 202 section 2: Eff
	Acute bacteria toxicity	(> 100 mg/l)	3 h	activated sludge of a predominantly domestic sewage	Study report (1994)	OECD Guideline 209
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics					
	Acute fish toxicity	LC50 LL50 > 1000 mg/l	96 h	Oncorhynchus mykiss	ECHA Dossier	
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 EL50 > 1000 mg/l	48 h	Daphnia magna	ECHA Dossier	

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics			
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	69%	28	ECHA Dossier
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics	>= 5,03

BCF

CAS-No	Chemical name	BCF	Species	Source
934242-87-2	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	144,3	calculated	
	Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics	>= 207,7	calculated	REACH Registration D
	Hydrocarbons, C13-C16, isoalkanes, cyclics, <2% aromatics	22	calculated	Other company data
	Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics	144,3	calculated	ECHA Dossier

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

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

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

List of Wastes Code - residues/unused products

120120 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent grinding bodies and grinding materials containing hazardous substances; hazardous waste

List of Wastes Code - used product

120120 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent grinding bodies and grinding materials containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

14. Transport information

Land transport (ADR/RID)	No dangerous good in sense of these transport regulations.
Inland waterways transport (AND)	No dangerous good in sense of these transport regulations.
Marine transport (IMDG)	No dangerous good in sense of these transport regulations.
Air transport (ICAO-TI/IATA-DGR)	No dangerous good in sense of these transport regulations.
Environmental hazards	ENVIRONMENTALLY HAZARDOUS: No
Special precautions for user	Refer to section 6-8
Maritime transport in bulk according to IMO instruments	not relevant

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): No information available.

2004/42/EC (VOC): No information available.

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Safety Data Sheet according to UK-REACH Regulation

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

UK REACH Appendix XVII, No (mixture): not relevant

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hydrocarbons, C12-C15, n-alkanes, isoalkanes < 2% aromatics

Hydrocarbons, C11-C14 n-alkanes, iso-alkanes, cyclics, <2% aromatics

16. Other information**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

AGW: Arbeitsplatzgrenzwert

CAS =Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

DNEL = Derived No Effect Level

EINECS = Europe Inventory of Existing Commercial Chemical Substances

ELINCS = European List of Notified Chemical Substances

ECHA: European Chemicals Agency

EWC: European Waste Catalogue

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA =International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

h: hour

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50 = Lethal concentration, 50%

LD50 = Median lethal dose

NOAEL= No observed adverse effect level

NOEC = No observed effect concentration

NLP: No-Longer Polymers

N/A: not applicable

OECD: Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic substance

PNEC = Predicted No-Effect Concentration

RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
SVHC: substance of very high concern
TRGS: Technische Regeln für Gefahrstoffe
UN: United Nations
VOC: Volatile Organic Compounds

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

The information given is based on current knowledge. Products are described in term of their safety data. The data does not signify any warranty with regard to the products properties.

The product should only be used for the stated application or applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet.