

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product Form : Mixture
Product Name : Clear All
Product Code : 0800000(004/460/464/593)
Type of Product : Cleaning Chemical (Blend)
Product Group : Cleaning Product

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

1.2.1. Relevant identified Uses

Main use category : Professional Use
Industrial/Professional use spec : For professional use only

1.2.2. Use advised against

No additional information is available

1.3. Details of the supplier of the safety data sheet

PATSA Pakistan (Pvt.) Ltd.
Steel House, West Wharf Road,
Karachi, 74000, Pakistan
T: +92 0330 8694794
info@patsaonline.net www.patsaonline.net

1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency Number	Comment
N/A	N/A	N/A	N/A	N/A

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixture: SDS < 2015: Show CLP information only

Flammable liquids, Category 3 H226

For full text of H-phrases see section 16.

Adverse physicochemical, human health and environmental effects

No additional information is available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP)



Single word (CLP) : GHS02
Hazard statements (CLP) : Warning.
Precautionary Statements (CLP) : H226 – Flammable liquid and vapour.
: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P235 - Keep cool.
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 carbon dioxide (CO₂), and dry extinguishing powder to extinguish.
P403+P233 - Store in a well-ventilated place. Keep the container tightly closed.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other Hazards

No additional information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixture

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002 00-5 (REACH-no) 01 2119457610- 43	15.0-30.0	Flam. Liq. 2, H225 Eye Irrit. 2, H319
3-butoxypropan-2-ol; propylene glycol monobutyl ether	CAS-No.) 5131-66-8 (EC-No.) 225-878-4 (EC Index-No.) 603-052 00-8 (REACH-no) 01 2119475527-28	5.0-15.0	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319

Full Text of H-statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : In case of serious or continuous discomfort, provide fresh air and seek medical advice.
First-aid measures after skin contact : Take off contaminated clothing. Rinse skin with water/shower.
First-aid measures after eye contact : First prolonged rinsing with water (contact lenses to be removed if this is easily done), then take to a doctor.
First-aid measures after ingestion : Rinse mouth. If swallowed, do NOT induce vomiting. Transport to hospital immediately.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation : None under normal use.
Symptoms/injuries after skin contact : None.
Symptoms/injuries after eye contact : Causes serious eye irritation. Redness.
Symptoms/injuries after ingestion : Diarrhea. Headache. Abdominal cramps. Drowsiness. Vomiting.

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

No additional information is available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, Powder, Foam, CO₂
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards as arising from the substance or mixture

Fire hazard : None.
Explosion hazard : None.
Reactivity : Upon combustion: CO and CO₂ are formed.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous fighting water.
Protection during firefighting : Do not enter the fire area without proper protective equipment, including respiratory protection.
Other information : None known.
General measures : Isolate from fire, if possible, with unnecessary risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not touch spilled material. Do not breathe vapour. Do not breathe fumes. Do not breathe spray. Remove contaminated clothing and shoes.

6.1.1. For non-emergency personnel

No additional information available.

6.1.2. For emergency responders

No additional information available.

6.2. Environmental precautions

Prevent entry to sewers and public.

6.3. Methods and material for containment and cleaning up

For containment : Contain released substance, pump into suitable containers.
Methods for cleaning up : The material and its container must be disposed of in a safe way, and as per local legislation.
Other information : Absorb the product onto porous material.

6.4. Reference to other sections

See headings 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes. Handle and open the container with care. Keep away from sources of ignition- No smoking.
Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.
Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

SECTION 8: Exposure controls/ personal protection

8.1. Control parameters

Clear All		
Belgium	Limit value (mg/m ³)	Here follows a summary list of the hazardous components mentioned in paragraph 3, of which the TLV value is known: 1907 mg/m ³ Ethanol 997 mg/m ³ Isopropanol 98 mg/m ³ 2-butoxyethanol

Ethanol (CAS No.) 64-17-5		
Belgium	Limit value (mg/m ³)	1907 mg/m ³
Germany	TRGS 910 Acceptable concentration notes	

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information is available.

8.2.2 Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses. Protective coating.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Nitrile rubber gloves. Breakthrough time: > 480 Min, (EN 374). Layer thickness: 0,35 mm. Always wash your hands after handling the product

8.2.2.3. Respiratory protection

Respiratory protection:

Ensure adequate air ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Universal mask (ABEK)

8.2.2.4. Thermal hazards

No additional information is available.

8.2.3. Environmental exposure controls

No additional information is available.

SECTION 9: Physical and chemical properties

9.1. Information

Physical state	: Liquid.
Colour	: Blue.
Odour	: Characteristic.
Odour threshold	: No data available.
pH	: 8 @ 20°C
pH solution	: /.
Relative evaporation rate (butylacetate=1)	: 2.
Melting point	: /.
Freezing point	: No data available.
Boiling point	: 78 - 173°C.
Flashpoint	: 25 °C
Auto-ignition temperature	: 230 °C
Decomposition temperature	: No data available.
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: 5850 hPa @ 20°C.
Relative vapour density at 20 °C	: No data available.
Relative density	: No data available.
Density	: 0.95 kg/l @ 20°C
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available.
Viscosity, kinematic	: 1 mm ² /s @ 20°C.
Viscosity, dynamic	: 1 mPa·s @ 20°C.
Explosive properties	: 1.1 – 19 vol %.
Oxidising properties	: Not applicable.
Lower explosive limit (LEL)	: Not applicable.
Upper explosive limit (UEL)	: Not applicable.

9.1. Information

Voce content	: 30.9%
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SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Extremely high or low temperatures.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

10.5. Incompatible materials

Keep away from (strong) acids. Oxidizing agents. Reducing Agents

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effect

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: See Heading 3 (information on ingredients)

3-butoxypropan-2-ol; propylene glycol monobutyl ether (CAS No.) 5131-66-8

LD50 oral rat	>3300 mg/kg
LD50 dermal rabbit	>=5000 mg/kg body weight
LC50 inhalation rat (mg/l)	>50 mg/l/4h

Ethanol (CAS No.) 64-17-5

LD50 oral rat	>=5000 mg/kg
LD50 dermal rabbit	>=5000 mg/kg body weight
LC50 inhalation rat (mg/l)	>50 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 8 @ 20°C.
Serious eye damage/irritation	: Not classified pH: 8 @ 20°C.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified

Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general	: No data available.
Acute aquatic toxicity	: Very toxic to aquatic life.
Chronic aquatic toxicity	: Very toxic to aquatic life with long-lasting effects.

3-butoxypropan-2-ol; propylene glycol monobutyl ether (CAS No.) 5131-66-8

LC50 fish 1	>560 - 1000 mg/l
ErC50 (algae)	>1000 mg/l
ErC50 (other aquatic plants)	>1000 mg/l
NOEC (acute)	180 mg/l
NOEC chronic crustacea	560 mg/l
NOEC chronic algae	560 mg/l

Ethanol (CAS No.) 64-17-5

LC50 fish 1	13000 mg/l (Oncorhynchus mykiss)
EC50 Daphnia 1	12340 mg/l
EC50 72h algae (1)	275 mg/l (Chlorella vulgaris)

12.2. Persistence and degradability

Linear Alcohol Ethoxylate (CAS No.) 68439-50-9

Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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12.3. Bioaccumulative potential

Clear All

Biocumulative potential	No supplementary information available.
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12.4. Mobility in soil

Clear All

Mobility in soil	No supplementary information available.
Ecology - soil	WGK 1. Completely soluble in water.

12.5. Results of PBT and vPvB assessment

No additional information available.

12.6. Other adverse effects

Additional information : No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Comply with local regulations for disposal.
Waste treatment methods	: Dispose of at a licensed site.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR/RID/IMDG/IATA/ADN

14.1. UN number

UN-No. (ADR) : UN 1987

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Alcohols n.o.s.
 Transport document description (ADR) : UN 1987 Alcohols, n.o.s. (Mixture of ethanol,), 3, III,(D/E)

14.3. Transport hazard class(es)

ADR
 Transport hazard class(es) (ADR) : 3
 Danger labels (ADR) : 3



14.4. Packing Group

Packaging group (ADR) : III

14.5. Environmental hazards

Dangerous for the environment : No
Other information : No supplementary information available

14.6. Special precautions for user

Special transport precautions : Fire and explosion hazards, Heating may cause an explosion, Do not allow to enter drains or water courses, Prevent flow to low areas.

- Overland transport

Hazard identification number (Kemler No.) : 33
Orange plates :



Tunnel restriction code (ADR) : D/E

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.
Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

VOC content : 30.9 %

15.1.1. National Regulations

No additional information available

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Full text of H- and EUH- statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
319	Causes serious eye irritation.
R11	Highly flammable
R36/38	Irritating to eyes and skin
F	F Highly flammable
Xi	Irritant

Safety Data Sheet (MSDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not, therefore, be construed as guaranteeing any specific property of the product.