

MATERIAL SAFETY DATA SHEET

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(The 9th edition)

1. IDENTIFICATION

PRODUCT NAME : PARTS & BRAKE CLEANER S
PRODUCT CODE : 10270

COMPANY NAME : COSMO BEAUTY CO.,LTD.
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DEPT. IN CHARGE : R&D Dept.
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RECOMMENDED USES : Cleaner for metal parts of car
REFERENCE No. : 10270-09G02E

2.HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS	:	Flammable aerosols	Category 1
	:	Flammable liquid	Category 2
HEALTH HAZARDS	:	Acute toxicity (Oral)	Category 5
	:	Acute toxicity (Dermal)	Out of category
	:	Acute toxicity (Inhalation; vapour)	Out of category
	:	Skin corrosion/irritation	Out of category
	:	Serious eye damage/eye irritation	Category 2A
	:	Respiratory or Skin sensitization	
	:	Germ cell mutagenicity	Category 1B
	:	Carcinogenicity	
	:	Reproductive toxicity	Category 1A
	:	Specific target organ toxicity single exposure	Category 1
	:	Specific target organ toxicity repeated exposure	Category 1
	:	Aspiration hazard	Category 1

ENVIRONMENTAL HAZARDS

- Hazardous to the aquatic environment (Acute)
- Hazardous to the aquatic environment (Chronic)

Hazards which are not indicated in above summary are out of classification or can not classify.

1. GHS LABEL ELEMENTS

PICTOGRAMS



SIGNAL WORD	:	Hazard
HAZARD STATEMENTS	:	Extremely flammable aerosol Hihgly flammable liquid and vapour May be harmful if swallowed Causes serious eye irritation

May cause genetic defects
 May damage fertility or the unborn child
 Causes damage to organs
 Causes damage to organs through prolonged or repeated exposure
 May be fatal if swallowed and enters airways

PRECAUTIONARY STATEMENTS

- : Pressurized container: Do not pierce or burn, even after use.
- Do not spray on an open flame or other ignition source.
- Keep away from heat/sparks/open flames/hot surfaces.-No smoking.
- Wear protective gloves/eye protection/face protection.
- Ground/Bond container and receiving equipment.
- Take precautionaly measures against static discharge.
- Use only non-sparking tools.
- Wash hands thoroughly after handling.
- Do not handle until all safety precautions have been read and understood.
- Do not eat, drink or smoke when using this product.
- Do not breathe gas/mist/vapours/spray.
- IF ON SKIN (or hair): Remove/Take off immedietly all contaminated clothing.

Rince skin with water/shower.

Specific treatment.

IF IN EYES: Rince cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

Protect from sunlight. Do not expose to temperatures exceeding 40 /104°F

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

3.COMPOSITION/ INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE : Mixture

COMPOSITION AND CONTENT :

CHEMICAL NAME / COMMON NAME	%(w/w)	CAS No.
Isohexane	60-70	107-83-5 96-14-0
Ethanol	5.0-10	64-17-5
Cyclohexane	2.0-4.9	110-82-7
LPG (propellant)	20-30	74-98-6

4.FIRST-AID MEASURES

INHALATION

- : Stop working immediately and keep a rest at a place which is well ventilated, and consult a doctor if a feeling does not well.

SKIN CONTACT	: Wash well with water and soap. Consult a dermatologist when there are skin affections.
EYE CONTACT	: Flush eyes with clean water for more than 15 minutes thoroughly. Take contact lens off, if possible. Continue to wash eyes. Consult an ophthalmologist when eye irritations continue.
INGESTION	: Wash mouth with water and drink a couple of water or milk. Do not make a vomit compulsorily and consult a doctor immediately when drinking.

5.FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

: Dry chemical powder, foam, carbon dioxide, sand

NOT SUITABLE

: Water jet

PROTECTION OF FIREFIGHTERS

: Fire fighting protective clothing.

6.ACIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Wear rubber gloves, safety glasses and safety clothes always when disposing leakage.
Prepare a fire extinguisher for ready against a fire.

ENVIRONMENTAL PRECAUTIONS

: Pay attention to influence for environment by leakage of the product to

METHODS FOR CLEANING UP

: Absorb a small amount of residue by an absorbent. (sand, sawdust and etc.)
Collect by absorption in case of water- insoluble product leaked on water.
Evaporate or diffuse with attention for a fire and ventilation sufficiently or
may promote evaporating it by sprinkling water if there is no harm.

INFORMATION FOR PREVENTION OF SECONDARY HAZARDS

: Take the resource of a fire off near the place and prepare a fire extinguisher.

Use safety equipments without occurring a fire.

7.HANDLING AND STORAGE

HANDLING

TECHNICAL MEASURES : Handle at a place which ventilate well.
Do not absorb exhaled vapor.
Wear protective gloves and protective glasses.
Wash hands well after handling.
Keep away from heat/sparks/open flames/hot surfaces.-No smoking.
Take prevention for discharge of static electricity
Flammable
Do not treat a container violently.

LOCAL OR ENTIRE VENTILATION

: Use adequate ventilation.

SAFE HANDLING ADVICE : Equipments should have the prevention for explosion, and facilities should have the prevention for static electricity.

STORAGE

STORAGE CONDITIONS : Protect from sunlight. Store in a well-ventilated place. Keep cool.
Keep with lock
Keep away from heat/spark/fire/high temperature with a distance.
Avoid oxidizer and strong oxide.

8.EXPOSURE CONTROLS/ PERSONAL PROTECTION

FACILITY MEASURES : Equip eye-washer and body-washer near handling place.

CONTROL PARAMETERS : Not an established.

APPROPRIATE ENGINEERING CONTROLS

ACGIH : TLV-TWA 500ppm (Hexane, other isomer) (2003)[Hexane]
1000ppm (2003)[Ethanol]
1880mg/m³(2003)[Ethanol]
300ppm (2003)[Cyclohexane]
1030mg/m³ (2003)[Cyclohexane]

INDIVIDUAL PROTECTION MEASURES

RESPIRATORY PROTECTION

: Wear gas protection mask required.

HAND PROTECTION : Wear protective gloves.

EYE PROTECTION : Wear safety glasses.

SKIN PROTECTION : Wear protective clothing required.

9.PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE

FORM	: Liquid
COLOR	: Colorless
ODOR	: Material odor
pH	: No data available.
MELTING POINT	: No data available.
BOILING POINT	: No data available.
FLASH POINT	: No data available.
AUTOIGNITION TEMPERATURE	: No data available.
VAPOR PRESSURE (40 °C)	: No data available.
VAPOR DENSITY (Air = 1)	: No data available.
BULK DENSITY (25 °C)	: No data available.
SOLUBILITY	: Insoluble in water.
DECOMPOSITION TEMPERATURE	: No data available.
OCTANOL-WATER PARTITION COEFFICIENT	: No data available.

10. STABILITY AND REACTIVITY

STABILITY : Stable under normal condition.
HAZARDOUS REACTIONS : Avoid contact with the strong oxidizer.
CONDITIONS TO AVOID : No information available.
MATERIALS TO AVOID : Contact with halogen, strong acids and alkalies.
HAZARDOUS DECOMPOSITION PRODUCTS
: No information available.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : No information available.
SKIN CORROSION/ IRRITATION
: May cause skin irritation.
SERIOUS EYE DAMAGE/ IRRITATION
: Irritating
RESPIRATORY SENSITIZATION/ SKIN SENSITIZATION
: No information available.
GERM CELL MUTAGENICITY : No information available.
CARCINOGENICITY : No information available.
REPRODUCTIVE TOXICITY : No information available.
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE
: No information available.
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE
: No information available.
ASPIRATION HAZARD : No information available.
OTHER INFORMATION : No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local/regional/national/ international regulations.

14. TRANSPORT INFORMATION

UN NUMBER : UN1950
UN PROPER SHIPPING NAME : Aerosol (Maximum 1litre)
TRANSPORT HAZARD CLASS(ES) : Class 2.1
PACKING GROUP, IF APPLICABLE : Not applicable.

SAFETY ON TRANSPORTATION

: Confirm not to be damaged/broken/spilled before transport and protect it from load shifting.
Avoid high temperature.
Obey government regulation.

15. REGULATORY INFORMATION

Obey government regulation and local regulation.

16. OTHER INFORMATION

This material safety data sheet does not constitute any warranty or guarantee as to safety of the product. It has been prepared from the best knowledge available to use and we shall not liable for any insufficiency or inaccuracy in such.

REFERENCE OF CONTENTS : COSMOBEAUTY CO., LTD. R&D DEPT

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