

SAFETY DATA SHEET

(REACH Regulation (EC) N° 1907/2006 - N° 453/2010)

Section 1 - CHEMICAL PRODUCT NAME AND SUPPLIER

Product identifier

Product name: 7CF STICKER REMOVER (white cap)

Relevant identified uses of the substance or mixture and uses advised

Cleaner, removes adhesives

Details of the supplier of the safety data sheet

Registered company name: Shenzhen Sunrise New Energy Co., Ltd.

Address: Rainbow Industrial Park, Shangwu Village, Shiyan Town, Bao'an District, Shenzhen, China

Telephone: 0086-755-86922998 Fax: 0086-755-86922988

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Emergency telephone number : 0086-755- 86922998

Section 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Flammable aerosol, Category 1 (Aerosol 1, H222 - H229).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

No known or foreseeable environmental damage under standard conditions of use.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Extremely flammable (F+, R 12).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

No known or foreseeable environmental damage under standard conditions of use.

Label elements

Mixture for aerosol application.

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms:



GHS02



GHS07



GHS08



GHS09

Signal Word : DANGER

Hazard statements :

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H229 Pressurised container: May burst if heated.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P280 - Wear protective gloves / eye protection

P261 - Avoid breathing vapors/spray.

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

P363 - Wash contaminated clothing before reuse.

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

P331 - Do NOT induce vomiting.

P405 - Store locked up.

P273 - Avoid release to the environment.

P501 - Dispose of contents/container to local facility for disposal of hazardous waste

Precautionary statements - Storage :

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 oC/122oF.

Other hazards

Vapor may form an explosive mixture in the atmosphere.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substances

No substances fulfil the criteria set forth in Annex II section A of the REACH regulation (EC) N° 1907/2006.

Mixtures

Composition :

Identification	Name	Classification	%
CAS: 67-63-0 EC: 200-661-7	Isopropanol	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	40 <= x % < 60
CAS: 64-17-5 EC: 200-578-6	Ethanol	GHS02; Dgr; F; H225; R11	20 <= x % < 30
CAS: 67-56-1 EC: 200-662-2	Methanol	F - Highly flammable; R11 T - Toxic; R23/24/25, R39/23/24/25	3 <= x % < 5

CAS: 5989-27-5 EC: 227-813-5	D-Limonene	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	2 <= x % < 5
CAS: 106-97-8 EC: 203-448-7	Butane	GHS02, Dgr Flam. Gas 1, H220	10 <= x % < 15
CAS: 74-98-6 EC: 200-827-9	Propane	GHS02, Dgr Flam. Gas 1, H220	10 <= x % < 15

Section 4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

Description of first aid measures

In the event of exposure by inhalation:

Remove the person exposed to fresh air. Keep warm and at rest. If the person is unconscious, place in recovery position.

Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary.

If breathing is irregular or has stopped, effect mouth - to - mouth resuscitation and call a doctor.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eye lids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognized cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing,

Do not give the patient anything orally.

If the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 - FIREFIGHTING MEASURES

Flammable. Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

Extinguishing media

Keep packages near the fire cool, to prevent pressurized containers from bursting.

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Unsuitable methods of extinction

In the event of a fire, do not use : water jet

Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non fire - fighters

Avoid inhaling the vapors.

For fire - fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

Reference to other sections

No data available.

Section 7 - HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Precautions for safe handling

Protect hands with solvent-resistant gloves and eyes with chemical splash goggles.
Always wash hands after handling.
Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention:

Handle in well-ventilated areas.
Prevent access by unauthorized personnel.
Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.
Do not spray on a naked flame or any incandescent material.
Do not pierce or burn, even after use.
Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.
Keep packages tightly closed and away from sources of heat, sparks and naked flames.
Do not use tools which may produce sparks. Do not smoke.

Recommended equipment and procedures:

For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations
Do not breathe in aerosols.
Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

Conditions for safe storage, including any incompatibilities

Store between 4°C and 25°C in a dry, well ventilated place.

Storage

Keep out of reach of children.
Keep the container tightly closed in a dry, well-ventilated place.
Keep away from all sources of ignition - do not smoke.
Keep well away from all sources of ignition, heat and direct sunlight.
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Packaging

Always keep in packaging made of an identical material to the original.

Specific end use(s)

No data available.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Occupational exposure limits:

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA	STEL	Ceiling	Definition	Criteria
67-63-0	200ppm	400ppm	Not Listed	Not Listed	Not Listed
64-17-5	-	1000ppm	-	-	-

67-56-1	200ppm	250ppm	-	-	-
5989-27-5	N/E	-	-	-	-
106-97-8	800ppm	-	-	-	-
74-98-6	1000ppm	-	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	VME	Excess	Notes
67-63-0	500 mg/m3	-	-
64-17-5	960 mg/m3	-	-
67-56-1	200 mg/m3	-	-
5989-27-5	N/E	-	-
106-97-8	1000 ml/m3	4(II)	DFG
74-98-6	1000 ml/m3	4(II)	DFG

Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before reusing.

Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Recommended properties:

- Impervious gloves in accordance with standard EN374

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

Avoid breathing vapours

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387: A1 (Brown)

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General information:

Physical state: clear liquid

Odor: Lemon

Important health, safety and environmental information:

pH : 5.0-6.0

Boiling point/boiling range : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : 0.85<D<0.87

Water solubility : Insoluble.

Viscosity : $\nu \leq 30$ cst (25°C)

Melting point/melting range : Not relevant.

Self-ignition temperature : Not relevant.

Decomposition point/decomposition range : Not relevant.

Chemical combustion heat : Not specified.

Inflammation time : Not specified.

Deflagration density : Not specified.

Inflammation distance : Not specified.

Flame height : Not specified.

Flame duration : Not specified.

Other information

No data available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid:

-heating

-heat

Incompatible materials

Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)

- carbon dioxide (CO₂)

Section 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects

Splashes in the eyes may cause irritation and reversible damage.

Substances

No toxicological data available for the substances.

Mixture

No toxicological data available for the mixture.

Section 12 - ECOLOGICAL INFORMATION

Toxicity

Substances

No aquatic toxicity data available for the substances.

Mixtures

No aquatic toxicity data available for the mixture.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

Section 13 - DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Section 14 - TRANSPORTATION INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

Classification:



Flammable

UN number

1950

UN proper shipping name

UN1950=AEROSOLS, flammable

Transport hazard class(es)

- Classification : 2.1

Packing group

-

Environmental hazards

-

Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5F	-	2.1	-	1L	190 327 344 625	E0	2	D

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	2.1	SP63	-	SP277	F-D,S-U	63 190 277 327 344 959	E0

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	2.1			Forbidden	Forbidden	203	150 kg	A1 A145 A167 A 802	E0
	2.1			Forbidden	Forbidden			A1 A145 A167 A 802	E0

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available.

Section 15 - REGULATORY INFORMATION

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

- Particular provisions:

No data available.

European Community Labeling



Flammable Aerosol

H223 Flammable aerosol

H229 Pressurized container: may burst if heated

P210 + P211 Keep away from heat/spark/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source

P251 Do not pierce or burn, even after use

P410 + P412 Protect from sun light. Do not expose to temperature exceeding 50 oC/122 oF

- Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- Directive 75/734/CEE modified by directive 2013/10/UE
- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.

Chemical safety assessment

No data available.

Section 16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Title for H, EUH and R indications mentioned in section 3:

H220 Extremely flammable gas.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure;
H304 May be fatal if swallowed and enters airways.
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
R10 Flammable.
R11 Highly flammable.
R22 Harmful if swallowed.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R 43 May cause sensitisation by skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R 50/53 Very toxic to aquatic organisms, may cause long - term adverse effects in the aquatic environment.
R63 Possible risk of harm to the unborn child.
R65 Harmful: May cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking;
R67 Vapours may cause drowsiness and dizziness.

Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.
IMDG: International Maritime Dangerous Goods.
IATA: International Air Transport Association.
ICAO: International Civil Aviation Organization
RID: Regulations concerning the International carriage of Dangerous goods by rail.
WGK: Wassergefahrdungsklasse (Water Hazard Class).

END.