MSDS

Section 1 – Chemical name and manufacturer information

Chemical name:Lead free Tip refresher

Style:Tip refresher

Name of Applicant: Hefei Bocheng E-commerce Co., Ltd

Address of Applicant: 406, Block B, Building 2, Urban Science and Technology Industrial Park, Yaohai District, Hefei City, Anhui Province

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Approved by

Alan

Technical Manager

Approved by

Erin

Authorized signatory

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Section 2 – Composition/Information on Ingredients

Ingredient Name: Multiple

Main component:

Chemical Name	CAS No.	Content (%)
Modified rosin	8050-09-7	70
Diethylene glycol monohexyl ether	112-59-4	30

Section 3 - Hazards Identification information

3.1 Hazard Class:This material does not belong to dangerous goods, no hazard classification.

3.2 Pictograms:Not applicable.

3.3 Signal word :Not applicable.

3.4 Hazard description:H302 Harmful if swallowed.

3.5 Precautionary description:P101 If medical advice is needed,have product container or label at hand.

P103 Read label before use.

Section 4 - First Aid Measures

First Aid:

4.1 skin contact: Not adverse effects expected.

4.2 eye contact: Flush eyes with plenty of water for at least 10 minutes, occasionly lifting the upper and lower eyelids. Get medical attention.

4.3 Inhalation: No volatile substances can be inhaled.However,if feeling uncomfortable,move to fresh air.seek medical attention for discomfort or if coughing.

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4.4 Ingestion: Not adverse effects expected.if swallowed ,consult a physician if necessary.

Section 5 - Fire Fighting Measures

5.1 Hazardous characteristics: This product is not spontaneous combustion.

5.2 Hazardous combustion products: Not applicable.

5.3 Extinguishing method: Water spray cooling production container, moved the production container to the empty place if possible. As in any fire,wear self-contained breathing apparatus and full protective gear.

5.4 Extinguisher: Bubble, carbon dioxide, dry powder, sandy soil.

5.5 Further information: Not available.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures: The product has no harm to the environment and people.Avoid dust formation,wear eye protection,hand protection,respiratory protection and body protection if necessary (SEE SECTION 8).

6.2 Environmental precautions: This production has no harm to the environment ,don't throw away everywhere,Inform the responsible authorities if released into water ,drainage,or sewer.

6.3 Cleaning method: The production is not a hazardous goods.Mechaical collection recycling and reusing or landfill treatment.

Section 7 - Handling and Storage

7.1 Handling Notes:Provide appropriate exhaust ventilation at places where dust is formed.Keep indoor ventilation and operate according to relevant hygiene and security procedures.

7.2 Storage Notes: Store in a well-ventilatedplace. Keep cool.Stay away from heat and direct sunlight;Do not store with incompatible material (see section 10.2).

Section 8 - Exposure Controls & Personal Protection

8.1 Occupational Exposure Limit:There is no specific restriction.

8.2 Engineering Control:Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of localexhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates , suitable respiratory protection must be worn.Ensure that eyewash stations and safety showers are proximal to the work-station location.

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8.3 Respiratory Protection: If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387)

respirator cartridges.

8.4 Eyes Protection: Wear protective goggle in working time.(Comply with the European Union EN 166 or The U.S. NIOSH standard.)If contacting with eyes, flush with plenty of water, call a physician

8.5 Hands Protection:No special hands protection.

8.6 Body Protection:
The type of protective equipment must be selected according to the concentrationand amount of the dangerous substance at the specific workplace。

8.7 Sanitary Measure: Forbid smoking, eating and drinking in working places.

Section 9-Physical and Chemical Properties

Odour	:	Odourless
PH value	:	Not applicable
Flammability	:	Noncombustible
Density(g/cm³)	:	No data
Relative steam density (air = 1)	:	Not applicable
Vapor pressure(MPa)	:	Not applicable
Octanol/water partition coefficient	:	Not applicable
Formula	:	No Data
Flash point(℃,Closed cup)	:	Not applicable
Boiling point(℃)	:	No Data
Freezing point (℃)	:	No Data
Evaporation rate (kg/s)	:	Not applicable
UEL %(V/V)	:	Not applicable
LEL %(V/V)	:	Not applicable

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Auto-ignition temperature(℃)	:	No Data
Decomposition temperature(℃)	:	No Data
Solubility	:	Insoluble in water

Section 10 - Stability & Reactivity Data

10.1 Stability:Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding: Strong oxide, acid and alkali.

10.3 Contact conditions for avoiding: Avoid fire and high temperature.

10.4 Hazardous decomposition products:No data available.

Section 11 - Toxicological Information

11.1 Acute toxicity:No information found.

11.2 Skin corrosion/irritation: No Irritation and corrosiveness.

11.3 Serious eye damage/irritation: In case of contact may cause irritation .Arrange medical treatment.

11.4 Respiratory or skin sensitisation: No information found.

11.5 Germ cell mutagenicity:No information found.

11.6 Carcinogenicity: No information found.

11.7 Reproductive toxicity: No information found.

11.8 STOT-single exposure: No information found.

11.9 STOT-repeated exposure: No information found.

11.10 Aspiration hazard.: No information found.

Section 12 - Ecological Information

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12.1 Ecotoxicity:This product does not contain special materials.According to the environmental protection laws, this product can't be poured into sewers or drainage ditches.

12.2 Persistence and degradability:No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Other adverse effects:No data available.

Section 13 - Disposal Considerations

13.1 Handling method for waste:Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

13.2 Handling method for uncleaned packaging:Keep away from hot and ignition source of fire.Return to supplier for recycling if possible.

Section 14 - Transport Information

14.1 UN NO.: Not applicable.

14.2 Class: Not classified.

14.3 Packaging group: Not classified.

14.4 Technical name: Not applicable.

14.5 Label: Not applicable.

14.6 Attention Notes:This production could be transported by air,by railway,by road and by sea as ordinary goods . This is not classified as a hazardous/dangerous material under IATA, IDMG, DOT regulations.

Section 15 - Regulatory Information

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (15/12/2010):None of the igredients is listed

REACH Regulation Annex XVII Restriction List: None of the igredients is listed.

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REACH Regulation Annex XIV Authorization Recommendation List (17/2/2011):None of the igredients is listed.
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16 - Other Information

Other Information: the above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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*****End of Report*****

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