



Safety Data Sheet according to GB/T 16483-2008

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LOCTITE FREKOTE 700-NC 1 GA

SDS No. : 153836

V001.8

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1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE FREKOTE 700-NC 1 GA

Intended use: Release agent

Manufacturer/Importer/Distributor Representative Company

Henkel Adhesive Technology (Shanghai) Co., Ltd.
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Revision date: 27.04.2022

Emergency information: +86 21 2891 8311 (24h).

2. Hazards identification

Classification of the substance or mixture according to GB 13690-2009 (General rule for classification and hazard communication of chemicals):

| <u>Hazard Class</u> | <u>Hazard Category</u> | <u>Target organ</u> |
|--|------------------------|------------------------------|
| Flammable liquids | Category 3 | |
| Skin corrosion/irritation | Category 2 | |
| Serious eye damage/eye irritation | Category 2A | |
| Skin sensitizer | Category 1 | |
| Specific target organ toxicity - single exposure | Category 3 | respiratory tract irritation |
| Aspiration hazard | Category 1 | Central nervous system |
| Acute hazards to the aquatic environment | Category 3 | |
| Chronic hazards to the aquatic environment | Category 3 | |

Label elements according to GB 15258-2009 (General rules for preparation of precautionary label for chemicals):

Hazard pictogram:



Signal word: Danger

| | |
|--------------------------|---|
| Hazard statement: | H226 Flammable liquid and vapor. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H412 Harmful to aquatic life with long lasting effects. |
| Prevention: | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves, eye protection, and face protection. |
| Response: | P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331 Do NOT induce vomiting. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. |
| Storage: | P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. |
| Disposal: | P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. |

3. Composition / information on ingredients

General description: Mixture
Declaration of the ingredients according to GB 13690-2009:

| Hazard component CAS-No. | Content | GHS Classification |
|---|-------------|--|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | 70- < 90 % | Flammable liquids 3 H226 Skin corrosion/irritation 3 H316 Specific target organ toxicity - single exposure 3 H336 Aspiration hazard 1 H304 Acute hazards to the aquatic environment 3 H402 Chronic hazards to the aquatic environment 3 H412 |
| Dibutyl ether 142-96-1 | 10- < 20 % | Flammable liquids 3 H226 Skin corrosion/irritation 2 H315 Serious eye damage/eye irritation 2A H319 Specific target organ toxicity - single exposure 3 H335 Acute hazards to the aquatic environment 3 H402 Chronic hazards to the aquatic environment 3 H412 |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | 2.5- < 10 % | Flammable liquids 2 H225 Skin corrosion/irritation 2 H315 Aspiration hazard 1 H304 Acute hazards to the aquatic environment 2 H401 Chronic hazards to the aquatic environment 2 H411 |
| Reaction product of tris(n-methylamino)methylsilane (TMAS) and silanol terminated polydimethylsiloxane (PDMS) 1432471-92-5 | 1- < 3 % | Flammable liquids 1 H224 Pyrophoric liquids 1 H250 Substances and mixtures, which on contact with water, emit flammable gases 1 H260 Acute toxicity 4; Inhalation H332 Skin corrosion/irritation 2 H315 Serious eye damage/eye irritation 1 H318 Skin sensitizer 1 H317 Specific target organ toxicity - single exposure 3 H335 |

Only hazardous ingredients for which a classification according to GB 13690-2009 is already available are displayed in this table. For full text of the Hazard statements see section 16 "Other information".

4. First aid measures

| | |
|----------------------|--|
| Skin contact: | Immediately wash skin thoroughly with soap and water. Obtain medical attention if irritation persists. |
| Eye contact: | Wash with plenty of water immediately and continue for several minutes, holding eyelid open. Consult a doctor. |
| Inhalation: | Move to fresh air. If symptoms persist, seek medical advice. |
| Ingestion: | Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor. |

5. Fire fighting measures

| | |
|---|---|
| Hazardous combustion products: | Oxides of carbon. Irritating vapours. |
| Extinguishing media: | Carbon dioxide, foam, powder |
| Fire-fighting method: | In case of fire, keep containers cool with water spray. |
| Notice and measures for firing fighting: | Can form explosive gas/air mixtures. See section 10. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). |

6. Accidental release measures

| | |
|----------------------------|---|
| Emergency measures: | Ensure adequate ventilation. Do not empty into drains / surface water / ground water. Wear protective equipment. Collect contaminated washing water for appropriate disposal. Inform authorities in the event of product spillage to water courses or sewage systems. |
| Clean-up methods: | Wipe up using absorbent material and subject to waste incineration. Dispose of contaminated material as waste according to Section 13. |

7. Handling and storage

| | |
|-----------------------------|---|
| Notice for handling: | Use only in well-ventilated areas. Take measures to prevent the build-up of electrostatic charges. Keep away from sources of ignition - no smoking. Avoid skin and eye contact. See advice in section 8 |
| Notice for storage: | Store in a cool, well-ventilated place. Do not store or use near heat, spark, open flame or other sources of ignition. Take precautionary measures against static discharges during storage and transport. Refer to Technical Data Sheet plastics which are soluble in organic solvents Do not store together with oxidants. |

8. Exposure controls / personal protection

| Hazardous components | GBZ 2.1-2019 | ACGIH | NIOSH | OSHA |
|---|--------------|-------|-------|------|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics | none | none | | none |
| Dibutyl ether | none | none | | none |
| Hydrocarbons, C7-C9, isoalkanes | none | none | | none |
| Reaction product of tris(n-methylamino)methylsilane (TMAS) and silanol terminated polydimethylsiloxane (PDMS) | none | none | | none |

Engineering controls:

Use only in well ventilated areas.
Avoid naked flames, sparking and sources of ignition.

Respiratory protection:

Use filter A-P2 if vapours/aerosols occur which may be inhaled.

Eye protection:

Eye protection should be used where there is any risk of splashing.

Body protection:

Wear suitable protective clothing.

Hand protection:

Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Other protection:

The selection of PPE shall at least compliant with "Law of the People's Republic of China on Prevention and Control of Occupational Diseases" and "Code of practice for selection of personal protective equipments" (GB/T 11651-2008).
Use only in well-ventilated areas.

9. Physical and chemical properties

| | | | |
|---|------------------------------------|----------------------------|------------------------|
| Physical state: | liquid | Appearance: | Colorless |
| Evaporation rate: | Not available. | Odor: | mild, Solvent |
| pH: | Not applicable | Melting point: | Not available. |
| Boiling point: | > 112 °C (> 233.6 °F) | Density: | 0.75 g/cm ³ |
| Vapor density: | Not available. | Vapor pressure: | Not available. |
| Flash point: | 31 °C (87.8 °F) | Ignition temperature: | > 174 °C (> 345.2 °F) |
| Lower explosive limit: | Not available. | Upper explosive limit: | Not available. |
| Solubility in water | Slight | Viscosity: | Not available. |
| Auto-ignition temperature: | Not available. | Flammability: | Not available. |
| Octanol / water distribution coefficient: | Not available. | Decomposition temperature: | Not available. |
| VOC: | , Out of China VOC standards Scope | | |

10. Stability and reactivity

| | |
|--------------------------------|--|
| Conditions to avoid: | No decomposition if used according to specifications. Vapours may form explosive mixture with air. Heat, flames, sparks and other sources of ignition. Spray mist may be flammable at temperatures below the flash point. |
| Incompatible products: | Reaction with strong oxidants. Reaction with water. |
| Decomposition products: | Hydrocarbons Irritating organic vapours. carbon oxides. See section 5. |

11. Toxicological information

General toxicological information:
No laboratory animal data available.

Inhalative toxicity:
Acute toxicity estimate (ATE) : > 40 mg/l
Exposure time: 4 h
Test atmosphere: Vapor.
Method: Calculation method

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous components CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Sex | Method |
|---|------------------|-------------------------|--|---------|-------------|---|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | not carcinogenic | inhalation: vapour | 6 hours plus T90 (12 minutes) 5 days per week for 105 weeks | rat | male/female | equivalent or similar OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies) |

Acute toxicity:

| Hazardous components CAS-No. | Value type | Value | Route of application | Exposure time | Species | Method |
|---|----------------------|--|------------------------------|------------------|----------------------|---|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | LD50 LC50 LD50 | > 5,000 mg/kg > 4.951 mg/l > 5,000 mg/kg | oral inhalation dermal | 4 h | rat rat rabbit | OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) OECD Guideline 402 (Acute Dermal Toxicity) |
| Dibutyl ether 142-96-1 | LD50 LC50 | 7,400 mg/kg 21.6 mg/l 7,741 mg/kg | oral inhalation | 4 h | rat rat rabbit | equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity) equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity) equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | LD50 LC50 LD50 | > 7,100 mg/kg > 9.4 mg/l > 2,200 mg/kg | oral inhalation dermal | 4 h | rat rat rabbit | equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) not specified |

Skin corrosion/irritation:

| Hazardous components CAS-No. | Result | Exposure time | Species | Method |
|---|---------------------|------------------|---------|---|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | slightly irritating | | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | irritating | 4 h | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

Serious eye damage/irritation:

| Hazardous components CAS-No. | Result | Exposure time | Species | Method |
|---|----------------|------------------|---------|--|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | not irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | not irritating | | rabbit | EPA OPPTS 870.2400 (Acute Eye Irritation) |

Respiratory or skin sensitization:

| Hazardous components CAS-No. | Result | Test type | Species | Method |
|---|-----------------|---------------------------------|------------|--|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | not sensitising | Guinea pig maximisation test | guinea pig | OECD Guideline 406 (Skin Sensitisation) |
| Dibutyl ether 142-96-1 | not sensitising | Open epicutaneous test | guinea pig | equivalent or similar to OECD Guideline 406 (Skin Sensitisation) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | not sensitising | Guinea pig maximisation test | guinea pig | equivalent or similar to OECD Guideline 406 (Skin Sensitisation) |

Germ cell mutagenicity:

| Hazardous components CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|--|--|--|--|--------------|--|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | negative negative negative negative | bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test in vitro mammalian chromosome aberration test mammalian cell gene mutation assay | with and without with and without with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | negative negative | inhalation: vapour oral: gavage | | rat mouse | equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test) equivalent or similar to OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) |
| Dibutyl ether 142-96-1 | negative negative negative | bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay | with and without with and without with and without | | equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | negative negative negative | bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay | with and without without with and without | | equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | negative | inhalation | | rat | equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test) |

Repeated dose toxicity:

| Hazardous components CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Method |
|--|----------------------|----------------------|--|---------|---|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | NOAEL=>= 1,000 mg/kg | oral: gavage | 7 days/week | rat | equivalent or similar to OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reprod./Develop. Tox. Screening Test) |
| Dibutyl ether 142-96-1 | NOAEL=200 mg/kg | oral: gavage | 28 d5 d/w | rat | not specified |
| Dibutyl ether 142-96-1 | NOAEL=500 mg/m3 | inhalation | 28 d6 h/d, 5 d/w | rat | OECD Guideline 412 (Repeated Dose Inhalation Toxicity: 28/14-Day) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | | inhalation: vapour | 12 weeks6 hours/day, 5 days/week | rat | equivalent or similar to OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day) |

12. Ecological information

General ecological information:

Do not empty into drains / surface water / ground water.

Toxicity:

| Hazardous components CAS-No. | Value type | Value | Acute Toxicity Study | Exposure time | Species | Method |
|---|------------|------------------|----------------------|---------------|---|--|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | LL50 | > 10 - < 30 mg/l | Fish | 96 h | Oncorhynchus mykiss | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | EL50 | > 22 - < 46 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | EL50 | > 1,000 mg/l | Algae | 72 h | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | NOELR | < 1 mg/l | Algae | 72 h | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Dibutyl ether 142-96-1 | LC50 | 32.3 mg/l | Fish | 96 h | Pimephales promelas | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Dibutyl ether 142-96-1 | EC50 | > 18.76 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Dibutyl ether 142-96-1 | EC50 | 19.1 mg/l | Algae | 72 h | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Dibutyl ether 142-96-1 | NOEC | 8.91 mg/l | Algae | 72 h | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Dibutyl ether 142-96-1 | EC 50 | > 1,000 mg/l | Bacteria | 30 min | activated sludge of a predominantly domestic sewage | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | LC50 | 18.4 mg/l | Fish | 96 h | Oncorhynchus mykiss | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | EL50 | 2.4 mg/l | Daphnia | 48 h | Daphnia magna | other guideline: |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | EL50 | 10 - 30 mg/l | Algae | 72 h | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | NOELR | 10 mg/l | Algae | 72 h | Pseudokirchneriella subcapitata | OECD Guideline 201 (Alga, Growth Inhibition Test) |

Persistence and degradability:

| Hazardous components CAS-No. | Result | Route of application | Degradability | Method |
|------------------------------|--------|----------------------|---------------|--------|
|------------------------------|--------|----------------------|---------------|--------|

| | | | | |
|---|----------------------------|---------|--------|---|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics 64742-48-9 | readily biodegradable | aerobic | 89 % | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |
| Dibutyl ether 142-96-1 | not readily biodegradable. | aerobic | 5 % | OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test) |
| Hydrocarbons, C7-C9, isoalkanes 1174921-67-5 | inherently biodegradable | aerobic | 22.4 % | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |

Bioaccumulative potential / Mobility in soil:

| Hazardous components CAS-No. | LogPow | Bioconcentration factor (BCF) | Exposure time | Species | Temperature | Method |
|---------------------------------|--------|----------------------------------|------------------|---------|-------------|--|
| Dibutyl ether 142-96-1 | | 47 - 83 | 42 d | | 25 °C | OECD Guideline 305 C (Bioaccumulation: Test for the Degree of Bioconcentration in Fish) |
| Dibutyl ether 142-96-1 | 3.35 | | | | | not specified |

13. Disposal considerations

Product disposal: Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

14. Transport information**Road transport CN_DG:**

Class: 3
Packing group: III
Classification code:
Hazard ident. number:
UN no.: 1866
Label: 3
Technical name: RESIN SOLUTION

Marine transport IMDG:

Class: 3
Packing group: III
UN no.: 1866
Label: 3
EmS: F-E ,S-E
Seawater pollutant: -
Proper shipping name: RESIN SOLUTION

Air transport IATA:

| | |
|-------------------------------------|----------------|
| Class: | 3 |
| Packing group: | III |
| Packaging instructions (passenger): | 355 |
| Packaging instructions (cargo): | 366 |
| UN no.: | 1866 |
| Label: | 3 |
| Proper shipping name: | Resin solution |

Notice For Transportation:

Transport according to local and national regulations. Ensure containers will not leak, collapse, or being damaged when transported. DO NOT transport with incompatible materials. Transportation vehicle should be equipped with right fire-fighting equipment in case of emergency. Avoid solarization, drenched and high temperature when transported.

15. Regulatory information

The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/unloading, classification as well as symbol.

“Law of the People's Republic of China on Work Safety” (Adopted by the 28th meeting of 9th NPC standing committee on 29th June 2002, revised by 10th meeting of 12nd NPC standing committee on 31st Aug 2014).

Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases” (Adopted by the 24th meeting of 9th NPC standing committee on 27th October 2001, revised by 7th meeting of 13rd NPC standing committee on 29th Dec 2018).

“Law of the People's Republic of China on environmental protection” (Adopted by 11st meeting of 7th NPC standing committee on 26th December 1989, revised by 8th meeting of 12nd NPC standing committee on 24th Apr 2014).

“Regulation on the Safety Management of Hazardous Chemicals” (Adopted by 32nd State Council executive meeting on 4th December 2013).

“Regulations on License to Work Safety” (Adopted by 54th State Council executive meeting on 29th July 2014).

China Inventory of Existing Chemicals:

All components are listed or are exempt from Inventory of Existing Chemical Substances in China.

16. Other information

Issue date: 02.06.2023
Issue department: Product Safety & Regulatory Affairs for China

Disclaimer:

This Safety Data Sheet has been generated in accordance with Chinese law only. It provides information on the chemical product in the aspects of safety, health, environment, etc, recommending preventive and protective measures and countermeasures in case of emergency. The information contained herein does not constitute a guarantee concerning the properties of the material. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance. This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

Others:

The full text of all abbreviations indicated by codes in this safety data sheet section 3 are as follows:

H224 Extremely flammable liquid and vapor.
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H250 Catches fire spontaneously if exposed to air.
H260 In contact with water releases flammable gases which may ignite spontaneously.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H316 Causes mild skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H401 Toxic to aquatic life.
H402 Harmful to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.