



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418679

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Material Safety Data Sheet

Formic acid MSDS

Section 1: Chemical Product and Company Identification

Product Name: Benzene,mono-C10-13 alkyl derivs

CAS#: 129813-58-7

Contact Information for Emergency: (0086) 551 65418678

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center

Qianshan Road, Hefei

230004Anhui

China

Tel : (0086) 551 65418679

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS # %	By Weight
Benzene,mono-C10-13 alkyl derivs	129813-58-7	100%

Section 3: Hazards Identification

NFPA ratings (scale 0 - 4)



Health = 1; Fire = 1; Reactivity = 0

.Classification of the substance or mixture
.Classification according to Regulation GHS: The product is not classified according to the CLP regulation.
.Labelling according to Regulation GHS: Not applicable.
.Signal word: Not applicable.
.Hazard pictograms: Not applicable.
.Hazard statements: This mixture is considered as non dangerous mixture according to the directive 1999/45/EC.
.Precautionary statements: Not applicable.
.Other hazards: See section 11.
.Results of PBT and vPvB assessment : Not applicable.
.Potential Chronic Health Effects:
.CARCINOGENIC EFFECTS: This material is not a carcinogen. Classified NONE by NTP, NONE ,OSHA and by IARC.
.MUTAGENIC EFFECTS: Not available.
.TERATOGENIC EFFECTS: Not available.

Section 4: First Aid Measures

After inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
After skin contact: Normally does not need first aid after skin contact,When need flush skin with plenty of water for a few minutes . Get medical aid If irritation or sensitization develops or persists.
.After eye contact: Immediately flush eyes with plenty of water for at few minutes, occasionally lifting the upper and lower eyelids.
.After swallowing: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an Unconscious person. Get medical aid.
.Medical conditions aggravated by exposure: No medical conditions are known to be aggravated by these products.

Section 5: Fire and Explosion Data

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products.
Containers may explode when heated.
.Extinguishing Media: CO₂, Dry Chemicals, Foam-Fog
.Flash point: >100°C.
.Special fire & explosion hazards: Products may exacerbate fire, and burning will release harmful gases or fumes,
Negligible explosion hazard.
.Unusual Fire or Explosion Hazards: None.

Section 6: Accidental Release Measures

Small Spill and Leak: Mix absorb leaked material with (sand, diatomite, sawdust) then Cleaning and placed into a suitable container handling, or scrub the area with towel and water.

.Large Spill and Leak: Isolation accident area to prevent the leak products to be contaminated , Dug pit to gather leaked

liquidand then to recycling collection the leak products.

Section 7: Handling and Storage

Handling: Removal of products need to wear protective gloves , handled with care when handling apply good manufacturing

practice & industrial hygiene practices. Observe good personal hygiene,and do not eat, drink or smoke whilst handling.

Wear protective goggles and gloves when handling material. Clean cloths must be worn. Observe all warnings and precautions listed for the product.

.Storage: Store in a cool area, Keep container tightly sealed, Keep air contact to a minimum.

Combustible materials should be stored away from extreme heat and away from reactive substances.

Section 8: Exposure Controls/Personal Protection

Ventilation and Engineering controls:No special ventilation and engineering controls are required.

.Respiratory Protection: No special respiratory protection is required for use of these products. If respiratory protection is

needed, use only protection authorized in the U.S. Federal OSHS Standard, applicable U.S. State regulations, or the Canadian CSA standard.

.Body Protection: General protective clothing.

.Protective Gloves: Unnecessary, If need choose rubber or plastic gloves with elbow-length gauntlet.

.Eye Protection: Unnecessary ,When necessary wear chemical goggles or face shield.

Section 9: Physical and Chemical Properties

.General Information

Form:Liquid

Color:Transparent

Odor:No odour

.Change in condition

Melting point/Melting range:<-10°C

Decomposition temperature:Not available

.Flash point:>100°C

.Danger of explosion:Product does not present an explosion hazard

.Density:0.85~0.87g/ml

.Relative density:<1 (Water=1)

.Vapor density:>1 (Air=1)

.Evaporation rate :Not Applicable

.Solubility in/Miscibility with

Water:Insoluble
.PH-Value:6-8
.Viscosity:
Dynamic:Not available

Section 10: Stability and Reactivity Data

Chemical Stability: Stable under normal temperatures and pressures.
.Solubility: Insoluble in water, methanol, glycol, and ethoxyethanol. soluble with benzene, dimethyl ether, methyl ethyl ketone, carbon tetrachloride, kerosene, acetone, dioxane, ethanol and butanol.
.Hazardous Decomposition Products: No further relevant information available.
.Hazardous Polymerization: Hazardous polymerization will not occur.

Section 11: Toxicological Information

Toxicity to Animals:
LD50: Not available.
LC50: Not available.
.Potential Acute Health Effects on Humans: Harmful if swallowed, And may cause moderate eye irritation.
.Other Toxic Effects on Humans: No further relevant information available.

Section 12: Ecological Information

Mobility and bioaccumulation potential: No further relevant information available.
.Ecotoxicological effects: No further relevant information available.
.Aquatic toxicity: No further relevant information available.
.Environmental Precautions: It must be disposed of by incineration or in an authorized waste deposit.

Section 13: Disposal Considerations

Product: Must be disposed of in accordance with applicable Federal, state and local regulations.
.Recommendation: Must not be disposed together with household garbage.
.Uncleaned packaging: Recommendation Disposal must be made according to official regulations.

Section 14: Transport Information

DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material (United States).
.DOT Proper Shipping Name: Not applicable.
.UN Number: Not applicable.
.Packing Group: Not applicable.
.Hazardous Substance Reportable Quantity: Not available.

.Special Provisions for Transport: Not applicable.
.TDG Classification: Not controlled under TDG (Canada).
.ADR/RID Classification: Not controlled under ADR(Europe)
.IMO/IMDG Classification: Not Controlled under IMDG.
.ICAO/IATA Classification: Not controlled under IATA.

Section 15: Other Regulatory Information

.HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
.TSCA inventory: All components are exempted.
.WHMIS: Not controlled under WHMIS
.DSCL: Not controlled under DSCL
.California Prop.65:There are no Proposition 65 chemicals present in this products levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.
.REACH Regulation List of Substances of very high concern (SVHC) : None of the ingredients is listed.
.Chemical safety assessment: No Chemical Safety Assessment has been carried for this product.

Section 16: Other Information

The contents and format of this MSDS are in accordance with ISO Commission Directive ISO11014-2009 (GHS) And OSHA Hazard Communication Standard 29 CFR 1910.12001 (HCS).

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we m be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.