Security Data Sheet

Date of Issue :25 July 2020 Revision 25 July 2020 **Revised No .1.01**

Section I: Identification of hazardous chemicals and suppliers

Chemical name

Product name 8188j

Other means of identification

Product code (s) 8188j
UN/ID No United Nations 1224

Recommended use of the chemical and restricted use of recommended additives
Restricted use No information

Safety Data Sheet Supplier Details

Initial Supply of Trademark Recognition

Inkminic logo Technology (Guangzhou) Co., Ltd Address: No .4 Yichuang Street, Huangpu District, Guangzhou T3-1601 Tel :+86 133 9266 8875

Chemical Emergency Telephone Number Chemtrec：+0086 02032954560

Emergency telephone number

Emergency telephone No information

Section II: Hazard Identification

Classification

Severe eye damage/eye irritation	Category 2 A
Specific target organ toxicity (single exposure)	Category 3
Flammable liquid	Category 2

Label element

Danger

Hazard statement

Causing severe eye irritation
May cause drowsiness or dizziness highly flammable liquids and vapors

Declaration on Prevention - Prevention
Wash your face thoroughly, wash your hands and any exposed
skin after handling, wear protective gloves / protective
clothing / eye protection / facial protection, avoid breathing
dust / smoke / gas / fog / vapor / spray
Use only outdoors or in well-ventilated areas,
use non-spark tools for ground and bonded
containers and receiving equipment
Measures to prevent electrostatic discharge
Stay away from heat, hot surfaces, sparks, open fires and
other ignition sources. No Smoking Keep container tightly
closed Use explosion-proof electrical / ventilation /
lighting / equipment to keep cool

Prevention Statement - Response

Eyes
If entering the eye: rinse carefully with water for a few minutes. remove contact lenses if present and easy to do.
Continue rinsing if eye irritation persists: Get medical advice/note

Skin
If skin (or hair): Take off all contaminated clothing immediately. Rinse skin with water [or shower]

Inhalation
If inhaled: Transfer people to fresh air and keep breathing
comfortably. If you feel unwell, call a postman or doctor

Fire
In case of fire, use dry sand, dry chemical or alcohol-resistant foam

Declaration of Prevention - Storage
Store in a well-ventilated place. Keep container closed and store locked

Declaration of Prevention - Disposition
Disposal of contents/containers to approved waste disposal plants

Other information
Swallowing can be harmful, contact with skin can be harmful

Unknown acute toxicity 5% of the mixture consists of unknown toxic components
and 0% of the mixture consists of unknown acute oral toxic components
0% of the mixture consists of unknown acute dermal toxic components
5% of the mixture consists of an unknown component of acute inhalation toxicity (gas)
5% of the mixture consists of an unknown component of acute inhalation toxicity (vapour)
5% of the mixture consists of an unknown acute inhalation toxicity component (dust/fog)

Section III: Composition and information of components

Substantive content

Not

applicab

le.Mixt

ure

Chemical properties Preparation.

Chemical name	Chemical Abstracts Social number.	Weight -%
Methyl ethyl ketone	78-93-3	90 - 100%
Acetone	67-64-1	0 - 10%

Section IV: First aid measures

First aid instruction

General recommendations Express this security data to the attending doctor.

Inhalation Move to fresh air. If exposed or concerned: get medical advice / attention.

Eye contact Rinse immediately with plenty of water or under eyelids for at least 15 minutes. Open your eyes when washing. Do not rub the affected area. remove contact lenses if present and easy to do. Continue flushing. If stimulating development and persistence, seek medical attention.

Skin contact Wash immediately with soap and plenty of water while removing all contaminated clothing and shoes.

Food intake Do not cause vomiting. Clean the mouth with water, then drink a lot of water. Don't give anything to the unconscious with your mouth. Call the doctor.

Emergency personnel self-protection Clear all ignition sources. Ensure that medical personnel are aware of the material (s)

Participate, take preventive measures to protect themselves and prevent the spread of pollution. Use personal protective equipment as required. Avoid contact with skin, eyes or clothes.

Most important symptoms and effects, including acute and delayed

Symptoms The feeling of burning. Inhalation of high concentrations of vapors may

cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.Indicates that any immediate

medical care and special treatment requires the attention of the doctor for symptomatic treatment.

Section V: Fire protection measures

Appropriate extinguishing media Dry chemicals. carbon dioxide (CO2). Spray water. Alcohol foam resistant.

inappropriate extinguishing media Do not disperse spilled materials with high pressure water flow.

Specific hazards arising from chemicals There is a danger of fire. Keep products and empty containers away from heat sources and ignition sources. In case of fire, use water spray to cool the water tank.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Explosive data

sensitivity to mechanical impact.

Sensitivity to static discharge Yes.

Special protective equipment for firefighters Firefighters should wear self-contained breathing apparatus and full fire switch devices. Use personal protective equipment.

Section VI: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal considerations Evacuate personnel to a safe area. Use personal protective equipment as required. See

Section 8 for more information. Avoid contact with skin, eyes or clothes. Ensure adequate ventilation. Keep people away from the downwind of overflow / leakage. Eliminate all ignition sources (no smoking, flares, sparks or flames). Watch the flashback. Take preventive measures to prevent electrostatic discharge. All equipment used in handling products must be grounded. Do not touch or pass through spilled material.

Other information Ventilation the area. refer to the protection

measures listed in sections 7 and 8.Containment and cleaning methods and

materials

Method of containment If you can do without risk, stop the leak. Do not touch or pass through spilled material. Steam steam

inhibition of foam can be used to reduce vapor. Collect runoff water from the embankment before the overflow. Keep away from drains, sewers, ditches and waterways. Absorb with soil, sand or other non-combustible materials and transfer to containers for later disposal.

Method of clean-up Take preventive measures to prevent electrostatic discharge. Shit. soak the absorbent material with inert gas. pick up and transfer to properly marked container.

Section VII: Processing and storage

Precautions for safe handling

Recommendations for safe handling Use personal protective equipment. Avoid breathing vapors or mist. Stay away from the heat,

Hot surfaces, sparks, open fires and other ignition sources. Smoking is prohibited. Use grounding and bonding connections when transferring this material to prevent electrostatic discharge, fire or explosion. Ventilation with local exhaust. Use spark tools and explosion-proof equipment. Keep in the area with nozzle. Use according to packing label instructions. handled in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothes. Do not eat, drink or smoke when using this product. Wear suitable breathing equipment in case of insufficient ventilation. Grounding and bonding all lines and equipment related to the product system. All equipment should be spark-free and explosion-proof.

Conditions for secure storage, including any incompatibility

Storage conditions Stay away from heat sources, sparks, flames and other ignition sources, i.e., ignition lamps, electricity

motor and electrostatic). saved in the correctly marked container. Keep in the area with nozzle. Storage in accordance with specific national regulations. Store in accordance with local regulations. Keep container tightly closed and

dry, cool and cool
A well-ventilated place.

Section VIII: Exposure control and personal protection

Control parameters

Exposure limits .

Chemical name	Alberta	British Columbia	TWAEV, Ontario	Quebec
Methyl ethyl ketone 78-93-3	TWA: 200ppm TWA: 590 mg/m^3	TWA: 50ppm temperature :100 ppm	TWA: 200ppm temperature :300 ppm	TWA: 50ppm TWA: 150 mg/m^3

	Temperature :300 ppm Speed :885 mg/m³			Temperature :100 ppm STEL: 300 mg/m³
Acetone 67-64-1	TWA: 500ppm TWA: 1200 mg/m³ Temperature :750 ppm Temperature :1800 mg/m³	TWA: 250ppm Temperature :500 ppm	TWA: 250ppm Temperature :500 ppm	TWA: 500ppm TWA: 1190 mg/m³ Temperature :1000 ppm Temperature :2380 mg/m³

Other information A decision of the Court of Appeal in AFL-CIO v. set aside the vacancy restrictions.
OSHA,965F.2d962(Cir.,1992 11).

Proper Engineering Control Shower
Ventilation system for eye washing station.

Personal protective measures such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). If spatter is possible, wear safety glasses with side shields.

Hand protection Wear the right gloves. wearing opaque gloves.

Skin and physical protection Wear suitable protective clothing.

Respiratory protection No protective equipment is required under normal use conditions. If the exposure limit is exceeded or stimulated is experienced, ventilation and evacuation may be required.

General health considerations Do not eat, drink or smoke when using this product. Contaminated overalls should not

be allowed to leave the workplace. It is recommended to regularly clean equipment, work areas and clothing. Wash your hands before rest and wash your hands immediately after handling the product.
Avoid contact with skin, eyes or clothes. Wear suitable gloves and eye/face protection.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties. Physical state Liquidity

Appearance	No information
Color	Purple
Smell	Solvent
Smell threshold	No information

Property	Value	Remarks: Methods
p H	No data available	
Melting point/glacial point	**85° C/-121° F boiling**	
Point/boiling point range	55° C/131° F Flash point -16° c/3.2° f	
Evaporation rate	No data available	I don't know
Flammability (solids, gases)	No data available	I don't know
Flammable limits in air		I don't know
higher flammability or explosion limit	**or lower explosion limit**	

	1.8	
Steam pressure	No data available	I don't know
Steam density	No data available	I don't know
Relative density	0.805	
Water soluble	Partially soluble	
Solubility in other solvents	No data available	I don't know

Distribution coefficient	Log logging	
automatic ignition temperature		
	P (o/w)=° C/0.26500	
	932° F	I don´t know
	No data available	
kinematic viscosity	No data available	I don't know
Dynamic viscosity	No data available	I don't know
Other information explosion		
VOC content (%)	Information Activity Agent 100	
Liquid density	0.805000007152557	
bulk density	No information	

Section 10: Stability and reactivity

Reactive No information available.

Chemical stability stable under normal conditions. **The possibility of dangerous reaction is normal treatment. Harmful polymerization** No.

Conditions avoided heat, flames and sparks.

Incompatible materials Not known on the basis of the information provided.**No dangerous decomposition products.**

Section 11: Toxicological Information

Information on possible avenues of contact

Product information

Inhalation	Specific test data for the substance or mixture are not available. may cause respiratory irritation. may cause drowsiness or dizziness.
Eye contact	Specific test data for the substance or mixture are not available. cause severe eye irritation. (Component-based). May cause redness, itching and pain.
Skin contact	Specific test data for the substance or mixture are not available. may cause irritation.Long-term exposure may cause redness and irritation. May be harmful to contact with the skin.
Food intake	Specific test data for the substance or mixture are not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Swallowing can be harmful.

Symptoms related to physical, chemical and toxicological characteristics

Symptoms may cause eye redness and tear. Inhalation of high concentrations of vapors may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.

Acute toxicity

Numerical measurement of toxicity

The following values are calculated in accordance with chapter 3.1 of the GHS document.

Atmix (oral)	3,531.20 mg/kg

Mixed (dermal) 4,838.70 mg/kg

Unknown acute toxicity 5% of the mixture consists of unknown toxic components
and 0% of the mixture consists of unknown acute oral toxic components
0% of the mixture consists of unknown acute dermal toxic components
5% of the mixture consists of an unknown component of acute inhalation toxicity (gas)
5% of the mixture consists of an unknown component of acute inhalation toxicity (vapour)
5% of the mixture consists of components of

unknown acute inhalation toxicity (dust/fog)

Chemical name	Oral LD50	LD50 of skin	LC50 inhalation
information Methyl ethyl ketone 78-93-3	2483 mg/kg Rat (s)	=5000 mg/kg (rabbit)	=11700 p pm(rats)4 hours

delayed and immediate effects as well as chronic effects of short- and long-term exposure on skin corrosion/irritation may cause skin irritation. **Severe eye damage/eye irritation** Classification according to the available data of components. cause severe eye irritation. **Respiratory or skin sensitization** No information available.

Mutagenicity of germ cells No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT- single exposure may cause drowsiness or dizziness.

STOT- repeated exposure No information available.

Target organ effects Central nervous system, eyes, respiratory system, skin.

Exposure risk No information available.

Section XII: Ecological information

Ecological toxicity .

Chemical name	Algae/ aquatic plants	Fish	Toxicity to microorganisms	Crustaceans
Methyl ethyl ketone 78-93-3	-	LC50: 3130-3320mg/L (96 h,Pimephales Promeras ()	-	EC50: >520 mg/L (48 hours), Daphnia magna (Daphnia magna) EC50: =5091 mg/L (48 hours), Daphnia magna (Daphnia magna) EC50: 4025-6440 mg/L 48 min Daphnia magna)

Acetone 67-64-1	-	LC50：4.74-6.33m L/L (96 h,Oncorhynchus LC50：6210-) Mckis 8120 mg/L (96h), pimephalespromelas) LC50:=8300 mg/L (96 h), Leprosy virus (Leprosy virus)	-	EC50：10294- 17704 mg/L (48h), Daphnia magna (Daphnia magna) EC50： 12600-12700 mg/L Hours, Daphnia magna)

Persistence and degradability	No information available.
Bioaccumulation	This product has no data.

Component information

Chemical name	Partition coefficient
Methyl ethyl ketone 78-93-3	0.3
Acetone 67-64-1	-0.24

Other adverse effects No information available.

Section 13: Disposition of information

Waste treatment methodology

Residues/waste from unused products should not be released into the environment. Disposal in accordance with local regulations. Waste disposal in accordance with environmental legislation.

Contaminated packaging Empty containers cause potential fire and explosion hazards. Do not cut, puncture weld container.

Section XIV: Transport information

TDG

UN Number United Nations 1224
Correct shipping name Ketones, liquids, n.o.s. (Methyl ethyl ketone/acetone mixture)
Classification of transport hazards (ES) 3
Packing Group II

Point

UN/ID No United Nations 1224
Correct shipping name Ketones, liquids, n.o.s. (Methyl ethyl ketone/acetone mixture)
Hazard level 3
Packing Group II

Tata

UN Number United Nations 1224
Correct shipping name Ketones, liquids, n.o.s. (Methyl ethyl ketone/acetone mixture)
Classification of transport hazards (ES) 3
Packing Group II

IMDG

UN Number United Nations 1224
Correct shipping name Ketones, liquids, n.o.s. (Methyl ethyl ketone/acetone mixture)
Classification of transport hazards (ES) 3
Packing Group II
Em S-No f-e,s-d

ADR

UN Number United Nations 1224
Correct shipping name Ketones, liquids, n.o.s. (Methyl ethyl ketone/acetone mixture)
Classification of transport hazards (ES) 3

Packing Group Classification code

Section 15: Regulatory information

This product has been classified according to the hazard criteria of the

Dangerous Products Ordinance (HPR) SDS contains all information required by

the HPR International Regulations

Non-applicability of the Montreal Protocol

on Substances that Deplete the Ozone Layer.

Non-applicability of the Stockholm

Convention on Persistent Organic Pollutants

International stocks

TSCA	Contact supplier for inventory compliance status.
DSL/ndsl	Contact supplier for inventory compliance status.
einecs/elincs	Contact supplier for inventory compliance status.
Anton	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
Keller	Contact supplier for inventory compliance status.
pickup	Contact supplier for inventory compliance status.
Twitching	Contact supplier for inventory compliance status.

Legend:
United States Toxic Substances Control Act
Section 8(b) List DSL/NDSL- Canadian
domestic/non-domestic list of substances
List of existing chemicals in EINECS/ELINCS- Europe/ List
of chemicals notified in Europe ENCS- List of existing
and new chemicals IECSC- China in Japan
Australia's Chemical
Inventory KECL- the List of
Philippine Chemicals and
Chemicals for Existing and
Evaluation Chemicals in
Korea

Section 16: Other information

Key or legend of abbreviations and acronyms used in security data tables

Section 8 of the legend: Expulsion control/personal protection

Teva	Time-weighted average)	Steele	STEL(short-term exposure limits)
Ceiling	Maximum limit	*	Name of skin

Critical literature references and
sources of toxic substances and disease
registry used to compile SDS data)
Environmental Protection Agency (EPA) Acute
Exposure Criteria Level U. European Food Safety
Administration (EFAA) Chemical View Database
(AEGL))
U. the federal pesticides, fungicides and
rodenticides act of the us environmental
protection agency U. the us environmental

protection agency journal of high-yield
chemical food research
Hazardous substances database
International Harmonized Chemical Information Database (IUCLID) GHS Classification of Japan
National Industrial Chemicals Notification and Assessment Plan
Australia NIOSH(National Institute of Occupational Safety and Health)
National Medical Library Chemical IDPlus (NLMCIP)
National Medical Library PubMed
Database (NLMPUBMED)
Chemical Classification and Information Database of New Zealand (CCID)
Organization for Economic Cooperation and Development publications on environment, health
and safety Organization for Economic Cooperation and Development Programme for the Screening
of Information Data Set for Economic Cooperation and Development

World Health Organization

Date of Issue 25 October 2020

Revised narrative No information available.

Disclaimer

the information provided in this safety data sheet is correct, to the best of our knowledge, information and beliefs, on the date of its release. The information provided shall only be used as guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be regarded as warranty or quality specification. this information relates only to specified specific materials and may not apply to such materials used jointly with any other material or process, unless specified in the text.

End of Safety Data Sheet