

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)

Version 1
Product Name Avidtion Kerosene

Issue Date 15-Sep-2014
Revision date 15-Sep-2014

SECTION 1: Identification of the substance /mixture and of the company/undertaking

1.1. Product identifier

Product Name Avidtion Kerosene
CAS No 8008-20-6
REACH registration number No information available

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Used for thermometer
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier ChangZhou Jiang He Plastic Product Co.,Ltd
Address No.1 Qingshuigou Industrial Wei Village ChunJiang Town Chang Zhou,JiangSu
Province,PRC
Postal Code 213127
Phone +86-519-83863126
FAX +86-519-83863136
E-mail 305773115@qq.com

1.4. Emergency telephone number

+86-519-83863126

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Aspiration toxicity Category 1 - (H304)

Classification according to Directive 67/548/EEC or 1999/45/EC
Xn; R65

2.2. Label elements

Symbols/Pictograms



Signal word Danger
Hazard Statements H304 - May be fatal if swallowed and enters airways
Precautionary Statements P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting
P405 - Store locked up
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Kerosene	232-366-4	8008-20-6	100	Xn; R65	Asp. Tox. 1 (H304)

SECTION 4: First aid measures**4.1. Description of first aid measures****General advice**

Remove contaminated clothing and shoes. If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If symptoms persist, call a physician.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms may include tightness in the chest, flushing, headache, nausea, vomiting, respiratory depression, weakness, irregular heartbeat, abdominal pain, convulsions, and shock

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

CO₂, dry chemical, dry sand, alcohol-resistant foam.

Unsuitable extinguishing media

Do not use direct water jets on the burning product

5.2. Special hazards arising from the substance or mixture

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration

Runoff may pollute waterways

These substances will accelerate burning when involved in a fire

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

Keep product and empty container away from heat and sources of ignition

5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas
 Ensure adequate ventilation, especially in confined areas
 Remove all sources of ignition
 Avoid contact with skin, eyes and inhalation of vapors
 Use personal protection recommended in Section 8

6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained
 Prevent entry into waterways, sewers, basements or confined areas

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13)

6.4. Reference to other sections

See Section 7 for more information
 See section 8 for more information
 See section 13 for more information

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice
 Ensure adequate ventilation, especially in confined areas
 Avoid contact with skin, eyes or clothing
 Wash contaminated clothing before reuse
 Keep away from heat, sparks, flame and other sources of ignition
 Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors)
 Avoid breathing vapors or mists
 Do not eat, drink or smoke when using this product
 Use personal protection recommended in Section 8

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place
 Keep away from heat
 Keep locked up and out of reach of children
 Keep away from food, drink and animal feeding stuffs
 Store in accordance with local regulations

7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Chemical Name	Poland	Portugal	Spain	Switzerland	Netherlands
Kerosene (CAS #: 8008-20-6)	STEL: 300 mg/m ³ TWA: 100 mg/m ³	TWA: 200 ppm	S*	-	-

Chemical Name	Norway	United Kingdom	ACGIH TLV	OSHA PEL	NIOSH IDLH
Kerosene (CAS #: 8008-20-6)	-	-	TWA: 200 mg/m ³ total hydrocarbon vapor application restricted to conditions in which there are negligible aerosol exposures S*	-	TWA: 100 mg/m ³

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls**Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition.

Personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles)
Hand Protection	Wear chemically resistant gloves (tested to EN374) in combination with intensive management supervision controls
Skin and body protection	Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear Do not breathe gas/fumes/vapor/spray

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water Prevent further leakage or spillage if safe to do so

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Color	Light yellow
Odor	Irritant
Odor Threshold	Not determined
pH	Not determined
Melting point/freezing point	-30°C
Boiling point / boiling range	172°C
Flash point	66°C
Evaporation rate	Not determined
Flammability (solid, gas)	Flammable
Flammability Limit in Air	Not determined
Vapor Pressure	4.5 hPa
Vapor density	Not determined
Density	0.7989g/cm ³
Relative density	Not determined
Bulk density	Not determined
Specific gravity	Not determined
Water solubility	Insoluble in water
Partition coefficient	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	May form explosive mixtures with air Explosion risk in case of fire
Oxidizing properties	These substances will accelerate burning when involved in a fire

9.2. Other information

No information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).

10.2. Chemical stability

Fire hazard. Risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Risk of explosion if heated under confinement.

10.4. Conditions to avoid

Heat, flames and sparks
Keep out of reach of children
Incompatible materials

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon oxides (COx)

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Kerosene (CAS #: 8008-20-6)	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.28 mg/L (Rat) 4 h

Skin corrosion/irritation

Non-irritating to the skin.

Serious eye damage/eye irritation

No eye irritation.

Sensitization

No sensitization responses were observed.

Germ cell mutagenicity

No information available.

Carcinogenicity

Chemical Name	European Union	IARC
Kerosene (CAS #: 8008-20-6)	-	Group 3

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

May be fatal if swallowed and enters airways

SECTION 12: Ecological information**12.1. Toxicity**

No data available

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations

SECTION 14: Transport information

14.1 UN Number	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not marine pollutant
14.6 Special precautions	No information available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Kerosene 8008-20-6 (100)	X	X	X	X	X	X	X	X

"-" Not Listed

"X" Listed

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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Revision Note Not applicable

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Full text of H-Statements referred to under section 3

H304 - May be fatal if swallowed and enters airways

Full text of R-phrases referred to under sections 2 and 3

R65 - Harmful: may cause lung damage if swallowed

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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