



SAFETY DATA SHEET

JET[®] BASE 360

Issuing Date 04-Aug-2016

Revision Date 04-Aug-2016

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name JET[®] BASE 360

Other means of identification

Product Code(s) 1091

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use only

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Chemjet, Inc.

Supplier Address 16600 Park Row
Houston
Texas
77084
US

Supplier Phone Number Phone:(281) 994-5416
Fax:(888) 909-2698

Supplier Email technical@chemjet.com

Emergency telephone number

Chemical Emergency Phone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL)
1-800-424-9300 (NORTH AMERICA)

Company Emergency Phone Number (936) 231-2538



2. HAZARDS IDENTIFICATION


Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| | |
|--|------------|
| Specific target organ toxicity (single exposure) | Category 3 |
| Aspiration toxicity | Category 1 |
| Flammable Liquids | Category 4 |

GHS Label elements, including precautionary statements

Emergency Overview

| | | | |
|---|--|-----------------------|--------------|
| Signal word | Danger | | |
| Hazard Statements | <div>May be fatal if swallowed and enters airways</div> <div>May cause drowsiness or dizziness</div> <div>Combustible liquid</div> | | |
| <div></div> | | | |
| Appearance | Clear | Physical state | Liquid |
| | | Odor | Hydrocarbons |

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

Call a POISON CENTER or doctor/physician if you feel unwell

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Skin

IF ON SKIN: Wash with plenty of soap and water

IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes

Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
 Immediately call a POISON CENTER or doctor/physician

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction



Spill

Absorb spillage to prevent material damage
Collect spillage

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool
Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

100 % of the mixture consists of ingredient(s) of unknown toxicity

Other information

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION
May cause slight eye irritation

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS-No | Percent |
|---|------------|---------|
| Raffinates, petroleum, sorption process | 64741-85-1 | 100% |

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES**First aid measures**

| | |
|---|--|
| Eye contact | Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician. |
| Skin contact | Wash with soap and water. |
| Inhalation | Remove to fresh air. |
| Ingestion | Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. |
| Self-protection of the first aider | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protective clothing (see section 8). |

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam. Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

Uniform Fire Code Combustible Liquid: III-A

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.



6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes. Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material.

Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations



Ventilation systems

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|--|
| Eye/face protection | Tight sealing safety goggles. |
| Skin and body protection | No special protective equipment required. |
| Respiratory protection | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | | | |
|---|---------------------------------|-----------------------|--------------------------|
| Physical state | Liquid | Odor | Hydrocarbons |
| Appearance | Clear | Odor Threshold | No information available |
| Color | No information available | | |
| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | <u>Method</u> |
| pH | UNKNOWN | None known | |
| Melting / freezing point | < -68 °C / < -90 °F | None known | |
| Boiling point / boiling range | 191 - 258 °C / 376 - 496 °F | None known | |
| Flash Point | 64 °C / 147 °F | None known | |
| Evaporation Rate | No data available | None known | |
| Flammability (solid, gas) | No data available | None known | |
| Flammability Limit in Air | | | |
| Upper flammability limit | Upper explosion limit: 7.0 %(V) | | |
| Lower flammability limit | Lower explosion limit: 0.6 %(V) | | |
| Vapor pressure | 0.23 psi | None known | |
| Vapor density | 5.7 | None known | |
| Specific Gravity | 0.8159 | None known | |
| Water Solubility | Negligible | None known | |
| Solubility in other solvents | No data available | None known | |
| Partition coefficient: n-octanol/water | No data available | None known | |
| Autoignition temperature | 229 °C / 445 °F | None known | |
| Decomposition temperature | No data available | None known | |
| Kinematic viscosity | No data available | None known | |
| Dynamic viscosity | 1.6 cSt | None known | |
| Explosive properties | No data available | | |
| Oxidizing properties | No data available | | |

Other Information

| | |
|-----------------------------------|-------------------|
| Softening Point | No data available |
| VOC Content (%) | No data available |
| Particle Size | No data available |
| Particle Size Distribution | |



10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|---|
| Product Information | Specific test data for the substance or mixture is not available. |
| Inhalation | Specific test data for the substance or mixture is not available. |
| Eye contact | Specific test data for the substance or mixture is not available. |
| Skin contact | Specific test data for the substance or mixture is not available. |
| Ingestion | Specific test data for the substance or mixture is not available. |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---------------------|---------------|-----------------------|
| Raffinates, petroleum, sorption process 64741-85-1 | > 2,000 mg/kg (Rat) | > 2,000 mg/kg | >5 mg/l Rat (4 hours) |

Information on toxicological effects

| | |
|-----------------|---------------------------|
| Symptoms | No information available. |
|-----------------|---------------------------|



Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------------|--|
| Sensitization | No information available. |
| Mutagenic Effects | No information available. |
| Carcinogenicity | Contains no ingredient listed as a carcinogen. |
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Chronic Toxicity | No known effect based on information supplied. |
| Target Organ Effects | None known. |
| Aspiration Hazard | May be fatal if swallowed and enters airways. |

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document
Not applicable

| |
|-----------------------------------|
| 12. ECOLOGICAL INFORMATION |
|-----------------------------------|

Ecotoxicity

The environmental impact of this product has not been fully investigated.

| Chemical name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---|--|---|----------------------------|----------------------------|
| Raffinates, petroleum, sorption process 64741-85-1 | EL50 (Scenedesmus capricornutum (green algae)) 96 hours: 31.6 %; The product has low solubility in the test medium. An aqueous dispersion was tested. | LL50 (Pimephales promelas (fathead minnow)) 96 hours: 16 % The product has low solubility in the test medium. An aqueous dispersion was tested. | | |

Persistence and Degradability

Expected to be biodegradable.

Bioaccumulation

No information available

Other adverse effects

No information available.



13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

Note:

Product does not sustain combustion (49 CFR 173.120(b)(3))

DOT

Proper Shipping Name
Hazard Class

NOT REGULATED
NON REGULATED
N/A

TDG

NOT REGULATED

MEX

NOT REGULATED

ICAO

NOT REGULATED

IATA

Proper Shipping Name

NOT REGULATED
NON REGULATED

IMDG/IMO

NOT REGULATED

RID

NOT REGULATED

ADR

NOT REGULATED

ADN

NOT REGULATED

15. REGULATORY INFORMATION

International Inventories

TSCA
DSL

Complies
All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any



chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute Health Hazard | No |
| Chronic Health Hazard | No |
| Fire Hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

International Regulations

Canada

WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

| | | | | | | | | |
|-------------|-----------------------|----------|---------------------|----------|------------------------|----------|--------------------------------------|----------|
| NFPA | Health Hazards | 2 | Flammability | 2 | Instability | 0 | Physical and Chemical Hazards | - |
| HMIS | Health Hazards | 2 | Flammability | 2 | Physical Hazard | 0 | Personal Protection | X |

| | |
|----------------------|--|
| Prepared By | Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501 |
| Issuing Date | 04-Aug-2016 |
| Revision Date | 04-Aug-2016 |
| Revision Note | No information available |

Disclaimer

The information provided in this 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

End of Safety Data Sheet

