
Safety Data Sheet

Safevert II

1. Identification

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| Product identifier | Safevert II |
| Other means of identification | Not available. |
| Recommended use | Secondary emulsifier for diesel based fluids |
| Recommended restrictions | None known. |
| Manufacturer/Importer/Supplier/Distributor information | |
| Manufacturer | |
| Company name | INTEGRITY INDUSTRIES INC. |
| Address | 2710 E. Corral Ave. Kingsville, Texas 78363 United States |
| Telephone | Main Phone 361-595-5561 |
| E-mail | Not available. |
| Emergency phone number | Not available. |
| Supplier information | INTEGRITY INDUSTRIES INC. 2710 E. Corral Ave. Kingsville, TX 78363 |
| Supplier emergency telephone number(s) | CHEMTREC 1-800-424-9300 |

2. Hazard(s) identification

| | | |
|------------------------------|-------------------|------------|
| Physical hazards | Flammable liquids | Category 4 |
| Health hazards | Carcinogenicity | Category 2 |
| Environmental hazards | Not classified. | |
| OSHA defined hazards | Not classified. | |

Label elements



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|-------------------------|--|
| Signal word | Warning |
| Hazard statement | Combustible liquid. Suspected of causing cancer. |

Precautionary statement

Prevention

Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection/face protection. Keep away from flames and hot surfaces-No smoking. Use only outdoors or in a well-ventilated area.

Response

IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media for extinction. Collect spillage.

Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|-----------|
| Diesel oil (petroleum) | | 68334-30-5 | 20 - < 30 |
| Other components below reportable levels | | | 70 - < 80 |

4. First-aid measures

Inhalation

Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately.

Skin contact

Take off immediately all contaminated clothing. Remove and isolate contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Immediately flush skin with plenty of water. For minor skin contact, avoid spreading material on unaffected skin. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. Get medical attention if irritation develops and persists. Wash clothing separately before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Flush eyes immediately with large amounts of water. Rinse cautiously with water for several minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If swallowed, seek medical advice immediately and show this container or label. Call a POISON CENTER or doctor/physician if you feel unwell. Get medical attention immediately. Never give anything by mouth to a victim who is unconscious or is having convulsions. Rinse mouth. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/effects, acute and delayed

Irritation of eyes and mucous membranes. Irritant effects.

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| Indication of immediate medical attention and special treatment needed | Oxygen, if needed. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Keep victim warm. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. |

5. Fire-fighting measures

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| Suitable extinguishing media | Water fog. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. Water. Do not use a solid water stream as it may scatter and spread fire. |
| Specific hazards arising from the chemical | By heating and fire, harmful vapors/gases may be formed. Fire may produce irritating, corrosive and/or toxic gases. |
| Special protective equipment and precautions for firefighters | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear full protective clothing including self contained breathing apparatus. Structural firefighters protective clothing will only provide limited protection. Wear suitable protective equipment. |
| Fire-fighting equipment/instructions | In case of fire and/or explosion do not breathe fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use standard firefighting procedures and consider the hazards of other involved materials. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Some of these materials, if spilled, may evaporate leaving a flammable residue. Water runoff can cause environmental damage. |
| Specific methods | In the event of fire and/or explosion do not breathe fumes. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. Use water spray to cool unopened containers. |
| General fire hazards | Combustible liquid. |

6. Accidental release measures

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| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Consider initial downwind evacuation for at least 500 meters (1/3 mile). Wear appropriate protective equipment and clothing during clean-up. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Ensure adequate ventilation. |
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Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Refer to attached safety data sheets and/or instructions for use. This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Extinguish all flames in the vicinity. Prevent entry into waterways, sewers, basements or confined areas. Dike far ahead of liquid spill for later disposal. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.

Large Spills: Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb spillage with non-combustible, absorbent material. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Clean contaminated surface thoroughly. This material and its container must be disposed of as hazardous waste. Following product recovery, flush area with water. Prevent product from entering drains. Clean up in accordance with all applicable regulations.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS.

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from open flames, hot surfaces and sources of ignition. Keep away from sources of ignition - No smoking. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Do not smoke. All equipment used when handling the product must be grounded. Do not breathe vapors or spray mist. Avoid contact with skin. Avoid contact with eyes. Use personal protective equipment as required. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. When using do not eat or drink. Wash thoroughly after handling. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities

CAUTION Store locked up. The pressure in sealed containers can increase under the influence of heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep away from heat, sparks and open flame. Keep away from heat and sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in cool place. Store in a well-ventilated place. Store in original tightly closed container. Keep container tightly closed. Store in a closed container away from incompatible materials. Keep in an area equipped with sprinklers. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children. Use care in handling/storage. Store in accordance with local/regional/national/international regulation.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values Components

| US. ACGIH Threshold Limit Values Components | Type | Value | Form |
|---|------|-----------|-------------------------------|
| Diesel oil (petroleum) (CAS 68334-30-5) | TWA | 100 mg/m3 | Inhalable fraction and vapor. |

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines

US ACGIH Threshold Limit Values: Skin designation

Diesel oil (petroleum) (CAS 68334-30-5) Can be absorbed through the skin.

Appropriate engineering controls Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower nearby.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear eye/face protection. Chemical goggles are recommended. Face-shield. Eye wash fountain is recommended. Not normally needed.

Hand protection Impervious gloves. Wear protective gloves.

Skin protection Wear appropriate chemical resistant clothing. Wear chemical protective equipment that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear suitable gloves and eye/face protection. Wear suitable protective clothing.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards Not available.

General hygiene considerations When using do not smoke. Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance Liquid.

Physical state Liquid.

Form Liquid.

Color Dark brown. - Black.

Odor Hydrocarbon-like.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point 150.0 - 200.0 °F (65.6 - 93.3 °C)

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

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|--|----------------|
| Vapor pressure | 1 mm Hg |
| Vapor density | 29.92 |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Negligible |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 7.66 lbs/gal |
| Specific gravity | 0.92 |

10. Stability and reactivity

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|---|---|
| Reactivity | Not available. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerization does not occur. |
| Conditions to avoid | Heat, flames and sparks. Avoid high temperatures. Avoid temperatures exceeding the flash point. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | Carbon oxides. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|--------------------------------------|
| Ingestion | Not available. |
| Inhalation | Not available. |
| Skin contact | May be harmful in contact with skin. |
| Eye contact | May be irritating to eyes. |

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|---|--|
| Symptoms related to the physical, chemical and toxicological characteristics | Irritation of eyes and mucous membranes. Irritant effects. |
|---|--|

Information on toxicological effects

| | |
|--|--------------------------------|
| Acute toxicity | Not available. |
| Skin corrosion/irritation | May be irritating to the skin. |
| Serious eye damage/eye irritation | Not available. |

Respiratory or skin sensitization

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|----------------------------------|----------------|
| Respiratory sensitization | Not available. |
|----------------------------------|----------------|

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|---------------------------|---|
| Skin sensitization | Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. |
|---------------------------|---|

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|-------------------------------|---|
| Germ cell mutagenicity | Due to lack of data the classification is not possible. |
|-------------------------------|---|

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|------------------------|---|
| Carcinogenicity | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |
|------------------------|---|

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

- Reproductive toxicity** Due to lack of data the classification is not possible.
- Specific target organ toxicity - single exposure** Not available.
- Specific target organ toxicity - repeated exposure** Not available.
- Aspiration hazard** Due to lack of data the classification is not possible. Not available.
- Further information** Prolonged skin contact may defat the skin and produce dermatitis.

12. Ecological information

Ecotoxicity Accumulation in aquatic organisms is expected. Components of this product have been identified as having potential environmental concerns.

| Components | Species | Test Results |
|-------------------------------------|-----------|-------------------|
| Diesel oil (petroleum) (68334-30-5) | | |
| Aquatic | | |
| Fish | LC50 Fish | 35 mg/L, 96 Hours |

- Persistence and degradability** No data is available on the degradability of this product.
- Bioaccumulative potential** Not available.
- Mobility in soil** Not available.
- Other adverse effects** Not available.

13. Disposal considerations

- Disposal instructions** Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations. Dispose of contents/container (in accordance with related regulations). This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.20-24). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. When your own wastewater treatment plant is not available, collect entire waste and then charge to a licensed industrial waste management professional with manifests for industrial waste.
 - Hazardous waste code** Not regulated.
 - Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Avoid discharge into water courses or onto the ground.
 - Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
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14. Transport information

DOT

| | |
|-------------------------------------|---|
| UN number | UN1202 |
| UN proper shipping name | Heating oil, light, solution (Diesel oil (petroleum)) |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Label(s) | 3 |
| Packing group | III |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions | B1, IB3, T2, TP1 |
| Packaging exceptions | 150 |
| Packaging non bulk | 203 |
| Packaging bulk | 242 |

DOT

BULK

| | |
|-------------------------------------|---|
| UN number | NA1993 |
| UN proper shipping name | Combustible liquid, n.o.s. (Diesel) |
| Transport hazard class(es) | |
| Class | Combustible Liquid |
| Label(s) | None |
| Packing group | III |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions | IB3, T1, T4, TP1 |
| Packaging exceptions | 150 |
| Packaging non bulk | 203 |
| Packaging bulk | 241 |

TDG

| | |
|-----------------------------------|---|
| UN number | UN1202 |
| UN proper shipping name | DIESEL FUEL; FUEL OIL; GAS OIL; or HEATING OIL LIGHT, solution (Diesel oil (petroleum)) |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Packing group | III |
| Special provisions | 82, 88 |

IATA

| | |
|-----------------------------------|---|
| UN number | UN1202 |
| UN proper shipping name | Diesel fuel solution (Diesel oil (petroleum)) |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Packing group | III |
| Environmental hazards | No. |
| ERG Code | 3L |

Other information

Passenger and cargo aircraft Allowed.
Cargo aircraft only Allowed.

IMDG

UN number UN1202
UN proper shipping name GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT solution (Diesel oil (petroleum))
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group III
Environmental hazards
Marine pollutant No.
EmS F-E, S-E

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code This substance/mixture is not intended to be transported in bulk.

DOT



DOT Bulk packaging type



IATA; IMDG; TDG



15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - No

Delayed Hazard - Yes

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312

No

Hazardous chemical

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Diesel oil (petroleum) (CAS 68334-30-5)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

Not Listed.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | Yes |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

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|----------------------|--------------|
| Issue date | May-29-2015 |
| Revision date | June-16-2015 |
| Version # | 03 |

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Revision Information Product and Company Identification: Alternate Trade Names