SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Trade name 26GT® FUNGICIDE
Product code (UVP) 06083632
SDS Number 102000016226
EPA Registration No. 432-888

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

Use Fungicide
Restrictions on use See product label for restrictions.

Information on manufacturer

Bayer Environmental Science
2 T.W. Alexander Drive
Research Triangle PK, NC 27709
United States

Emergency Telephone Number (24hr/7 days) 1-800-334-7577 (24 hours/day)
Product Information Telephone Number 1-800-331-2867
SDS Information or Request SDSINFO.BCS-NA@bayer.com

SECTION 2: HAZARDS IDENTIFICATION

Classification in accordance with regulation HCS 29CFR §1910.1200
Aspiration hazard: Category 1

Signal word: Danger

Hazard statements
May be fatal if swallowed and enters airways.

Precautionary statements
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.
Store locked up.
Dispose of contents/container in accordance with local regulation.

Other hazards
No other hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Component Name</th>
<th>CAS-No.</th>
<th>Average % by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iprodione</td>
<td>36734-19-7</td>
<td>23.30</td>
</tr>
<tr>
<td>1,2-Propanediol</td>
<td>57-55-6</td>
<td>4.90</td>
</tr>
<tr>
<td>Naphthalene and alkyl naphthalene sulphonic acids formaldehyde condensate, sodium salt</td>
<td>68425-94-5</td>
<td>1.70</td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-refined light paraffinic</td>
<td>64741-89-5</td>
<td>32.30</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice
When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.

Inhalation
Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.

Skin contact
Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.

Eye contact
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.

Ingestion
Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

Most important symptoms and effects, both acute and delayed

Symptoms
To date no symptoms are known.

Indication of any immediate medical attention and special treatment needed

Risks
Contains hydrocarbon solvents. May pose an aspiration pneumonia hazard.

Treatment
Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.
SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable: Carbon dioxide (CO2), Dry chemical, Foam, Water spray

Unsuitable: None known.

Special hazards arising from the substance or mixture

Dangerous gases are evolved in the event of a fire.

Advice for firefighters

Special protective equipment for fire-fighters

Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.

Further information

Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

Flash point

> 93.3 °C

Autoignition temperature

no data available

Lower explosion limit

2.6 % (V)

Upper explosion limit

12 % (V)

Explosivity

no data available

Dust explosion class

Not applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Precautions

Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

Methods and materials for containment and cleaning up

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Additional advice

Use personal protective equipment. Do not allow to enter soil, waterways or waste water canal.

Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective equipment, see section 8. Information regarding waste disposal, see section 13.
SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Handle and open container in a manner as to prevent spillage. Use only in area provided with appropriate exhaust ventilation.

Hygiene measures
Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.
Remove Personal Protective Equipment (PPE) immediately after handling this product. Before removing gloves clean them with soap and water. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iprodione</td>
<td>36734-19-7</td>
<td>2 mg/m3 (TWA)</td>
<td></td>
<td>OES BCS*</td>
</tr>
<tr>
<td>Iprodione</td>
<td>36734-19-7</td>
<td>5 ug/m3 (AN ESL)</td>
<td>07 2011</td>
<td>TX ESL</td>
</tr>
<tr>
<td>Iprodione</td>
<td>36734-19-7</td>
<td>50 ug/m3 (ST ESL)</td>
<td>07 2011</td>
<td>TX ESL</td>
</tr>
<tr>
<td>1,2-Propanediol (Vapor.)</td>
<td>57-55-6</td>
<td>1000 ug/m3 (ST ESL)</td>
<td>02 2013</td>
<td>TX ESL</td>
</tr>
<tr>
<td>1,2-Propanediol (Vapor.)</td>
<td>57-55-6</td>
<td>50 ppb (AN ESL)</td>
<td>02 2013</td>
<td>TX ESL</td>
</tr>
<tr>
<td>1,2-Propanediol (Vapor.)</td>
<td>57-55-6</td>
<td>500 ppb (ST ESL)</td>
<td>02 2013</td>
<td>TX ESL</td>
</tr>
<tr>
<td>1,2-Propanediol (Vapor.)</td>
<td>57-55-6</td>
<td>100 ug/m3 (AN ESL)</td>
<td>02 2013</td>
<td>TX ESL</td>
</tr>
<tr>
<td>1,2-Propanediol (Aerosol.)</td>
<td>57-55-6</td>
<td>10 mg/m3 (TWA)</td>
<td>2010</td>
<td>WEEL</td>
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<tr>
<td>Distillates (petroleum), solvent-refined light paraffinic (Mist.)</td>
<td>64741-89-5</td>
<td>5 mg/m3 (TWA)</td>
<td>01 2006</td>
<td>ACGIH</td>
</tr>
<tr>
<td>Distillates (petroleum), solvent-refined light paraffinic (Mist.)</td>
<td>64741-89-5</td>
<td>10 mg/m3 (STEL)</td>
<td>01 2006</td>
<td>ACGIH</td>
</tr>
</tbody>
</table>
Exposure controls

Personal protective equipment
In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection
When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

Hand protection
Chemical resistant nitrile rubber gloves

Eye protection
Chemical resistant goggles must be worn.

Skin and body protection
Wear long-sleeved shirt and long pants and shoes plus socks.

General protective measures
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
white to light beige

Physical State
suspension

Odor
aromatic

Odour Threshold
no data available

pH
6.0 - 6.5 at 100 %

Vapor Pressure
no data available

Vapor Density (Air = 1)
no data available

Density
c. 1.03 g/cm³ at 20 °C

Evaporation rate
not applicable

Boiling Point
no data available

Melting / Freezing Point
no data available
Water solubility: dispersible

Minimum Ignition Energy: no data available

Decomposition temperature: no data available

Partition coefficient: n-octanol/water: no data available

Viscosity: 1,000 - 1,500 cps

Flash point: > 93.3 °C

Autoignition temperature: no data available

Lower explosion limit: 2.6 %(V)

Upper explosion limit: 12 %(V)

Explosivity: no data available

Dust explosion class: Not applicable.

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Thermal decomposition: no data available

Chemical stability: Stable under recommended storage conditions.

 Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Elevated temperatures
Heat, flames and sparks.

Incompatible materials: Strong acids, Strong bases, Strong oxidizing agents

Hazardous decomposition products: No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Eye contact, Skin Absorption, Inhalation, Ingestion

Immediate Effects

Skin: Harmful if absorbed through skin.

Ingestion: Harmful if swallowed.

Inhalation: Harmful if inhaled.

Information on toxicological effects

Acute oral toxicity: LD50 (male rat) > 5,000 mg/kg
LD50 (female rat) 4,619 mg/kg

**Acute inhalation toxicity**
LC50 (male/female combined rat) > 0.8 mg/l
Exposure time: 4 h
Determined in the form of liquid aerosol.
Highest attainable concentration.
No deaths
LC50 (male/female combined rat) > 3.2 mg/l
Exposure time: 1 h
Determined in the form of liquid aerosol.
Extrapolated from the 4 hr LC50.

**Acute dermal toxicity**
LD50 (male/female combined rat) > 2,000 mg/kg

**Skin irritation**
Slight irritation (rabbit)

**Eye irritation**
Minimally irritating. (rabbit)

**Sensitisation**
Non-sensitizing. (guinea pig)

**Assessment repeated dose toxicity**
Iprodione caused specific target organ toxicity in experimental animal studies in rats in the following organ(s): adrenal gland.

**Assessment Mutagenicity**
Iprodione was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

**Assessment Carcinogenicity**
Iprodione caused at high dose levels an increased incidence of tumours in the following organ(s): liver, testes. The mechanism that triggers tumours in rodents and the type of tumours observed are not relevant to humans.

**ACGIH**
None.

**NTP**
Distillates (petroleum), solvent-refined light paraffinic 64741-89-5

**IARC**
Distillates (petroleum), solvent-refined light paraffinic 64741-89-5 Overall evaluation: 1

**OSHA**
None.

**Assessment toxicity to reproduction**
Iprodione did not cause reproductive toxicity in a two-generation study in rats.

**Assessment developmental toxicity**
Iprodione caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Iprodione are related to maternal toxicity.
Further information
Acute toxicity studies have been bridged from a similar formulation(s).
The non-acute information pertains to the active ingredient(s).

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish
LC50 (Rainbow trout (Oncorhynchus mykiss)) 4.1 mg/l
Exposure time: 96 h
The value mentioned relates to the active ingredient iprodione.

Toxicity to aquatic invertebrates
EC50 (Water flea (Daphnia magna)) 0.25 mg/l
Exposure time: 48 h
The value mentioned relates to the active ingredient iprodione.

Toxicity to aquatic plants
IC50 (Scenedesmus subspicatus) 15.3 mg/l
Exposure time: 72 h
The value mentioned relates to the active ingredient iprodione.

Biodegradability
Iprodione: ; not rapidly biodegradable

Koc
Iprodione: Koc: 202 - 543

Bioaccumulation
Iprodione: Bioconcentration factor (BCF) 70; Does not bioaccumulate.

Mobility in soil
Iprodione: Moderately mobile in soils

Environmental precautions
Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.
Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites.
Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods
Product
Do not contaminate water, food, or feed by disposal.
Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.
Dispose in accordance with all local, state/provincial and federal regulations.
Follow advice on product label and/or leaflet.

Contaminated packaging
Triple rinse containers.
Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by State and Local authorities, by burning.
Follow advice on product label and/or leaflet.
RCRA Information  Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

SECTION 14: TRANSPORT INFORMATION

49CFR  Not dangerous goods / not hazardous material

IMDG  UN number 3082
      Class 9
      Packaging group III
      Marine pollutant YES
      Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRODIONE SOLUTION)

IATA  UN number 3082
      Class 9
      Packaging group III
      Environm. Hazardous Mark YES
      Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRODIONE SOLUTION)

This transportation information is not intended to convey all specific regulatory information relating to this product. It does not address regulatory variations due to package size or special transportation requirements.

Freight Classification: INSECTICIDES OR FUNGICIDES, N.O.I., OTHER THAN POISON

SECTION 15: REGULATORY INFORMATION

EPA Registration No. 432-888
US Federal Regulations
TSCA list
1,2-Propanediol 57-55-6
Naphthalene and alkyl naphthalene 68425-94-5
sulphonic acids formaldehyde condensate, sodium salt
Distillates (petroleum), solvent-refined light paraffinic 64741-89-5

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D) None.

SARA Title III - Section 302 - Notification and Information None.
SARA Title III - Section 313 - Toxic Chemical Release Reporting
None.

US States Regulatory Reporting
CA Prop65
This product contains a chemical known to the State of California to cause cancer.
Iprodione 36734-19-7

US State Right-To-Know Ingredients
1,2-Propanediol 57-55-6 MN
Distillates (petroleum), solvent-refined 64741-89-5 CA, MA
light paraffinic

Canadian Regulations
Canadian Domestic Substance List
Naphthalene and alkyl naphthalene 68425-94-5
sulphonic acids formaldehyde
condensate, sodium salt
Distillates (petroleum), solvent-refined 64741-89-5
light paraffinic

Environmental
CERCLA
None.

Clean Water Section 307 Priority Pollutants
None.

Safe Drinking Water Act Maximum Contaminant Levels
None.

International Regulations
European Inventory of Existing Commercial Substances (EINECS)
Iprodione 36734-19-7
Distillates (petroleum), solvent-refined 64741-89-5
light paraffinic

EPA/FIFRA Information:
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to
 certain labeling requirements under federal pesticide law. These requirements differ from the classification
criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide
chemicals. Following is the hazard information required on the pesticide label:

Signal word: Caution!

Hazard statements: Harmful if swallowed, inhaled or absorbed through the skin.
Avoid contact with skin, eyes and clothing.
Avoid breathing spray mist.

SECTION 16: OTHER INFORMATION
NFPA 704 (National Fire Protection Association):
Health - 2  Flammability - 1  Instability - 1  Others - none

Health - 2  Flammability - 1  Physical Hazard - 0  PPE -
0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason for Revision: Revised according to the current OSHA Hazard Communication Standard (29CFR1910.1200)

Revision Date: 04/11/2014

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.