

Safety Data Sheet

Printing date 06/09/2022

Revised On 06/09/2022

1 Identification of the substance and manufacturer

Trade name: DARK SHIELD
Product code: 80-2225
Recommended use: Paint and coatings application.
Uses advised against: Any that differs from the recommended use.
Manufacturer/Supplier: Kimball Midwest
 4800 Roberts Road
 Columbus, OH 43228
 800-233-1294
 www.kimballmidwest.com
Emergency telephone number: ChemTrec: 800-424-9300

2 Hazard(s) identification

Classification of the substance or mixture

Flammable Liquids 2 H225 Highly flammable liquid and vapor.
 Eye Irritation 2A H319 Causes serious eye irritation.
 Sensitization - Skin 1 H317 May cause an allergic skin reaction.
 Carcinogenicity 1B H350 May cause cancer.
 Specific Target Organ Toxicity - Repeated Exposure 2 H373 May cause damage to the central nervous system and the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

Additional information:

GHS Hazard pictograms



GHS02 GHS07 GHS08

Signal word

Hazard statements

Danger
 Highly flammable liquid and vapor.
 Causes serious eye irritation.
 May cause an allergic skin reaction.
 May cause cancer.
 May cause damage to the central nervous system and the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
 Obtain special instructions before use.
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 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.
 In case of fire: Use CO2, powder or water spray to extinguish.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Precautionary statements

3 Composition/information on ingredients

Chemical characterization: Mixtures

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

8052-41-3	Stoddard Solvent	15-25%
108-65-6	PM acetate	5-10%
110-19-0	Isobutyl Acetate	5-10%
67-64-1	Acetone	≥5-<10%
14807-96-6	Talc	5-10%
1333-86-4	Carbon black	1-5%
64742-47-8	Mineral Spirits	1-5%
64742-48-9	Naphtha, hydrotreated heavy	1-5%
64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent	1-5%
	ethyl methyl ketoxime	≥0.2-<1%

4 First-aid measures

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing: Rinse mouth with water. Do not induce vomiting.
Most important symptoms and effects: No further relevant information available.

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Indication of any immediate medical attention needed:

No further relevant information available.

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5 Fire-fighting measures

Special hazards:

No further relevant information available.

Protective equipment for firefighters:

No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Not required.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.

7 Handling and storage

Precautions for safe handling

Use only in well ventilated areas.

Storage requirements:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.
Store locked up.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

8052-41-3 Stoddard Solvent

PEL (USA) Long-term value: 2900 mg/m³, 500 ppmREL (USA) Long-term value: 350 mg/m³
Ceiling limit value: 1800* mg/m³
*15-min

TLV (USA) Long-term value: 100 ppm

108-65-6 PM acetate

WEEL (USA) Long-term value: 50 ppm

110-19-0 Isobutyl Acetate

PEL (USA) Long-term value: 700 mg/m³, 150 ppmREL (USA) Long-term value: 700 mg/m³, 150 ppmTLV (USA) Short-term value: 150 ppm
Long-term value: 50 ppm

67-64-1 Acetone

PEL (USA) Long-term value: 2400 mg/m³, 1000 ppmREL (USA) Long-term value: 590 mg/m³, 250 ppmTLV (USA) Short-term value: 500 ppm
Long-term value: 250 ppm
A4, BEI

1333-86-4 Carbon black

PEL (USA) Long-term value: 3.5 mg/m³REL (USA) Long-term value: 3.5* mg/m³
0.1 in presence of PAHs; See Pocket Guide Apps.A+CTLV (USA) Long-term value: 3 mg/m³
*inhalable fraction, A3

ethyl methyl ketoxime

WEEL (USA) Long-term value: 10 ppm
DSEN

Ingredients with biological limit values:

67-64-1 Acetone

BEI (USA) 25 mg/L
Medium: urine
Time: end of shift
Parameter: Acetone (nonspecific)

Hygienic protection:

Immediately remove all soiled and contaminated clothing.
Wash hands after use.
Store protective clothing separately.
Do not eat or drink while working.

Breathing equipment:

Not required.

Hand protection:

Nitrile gloves.

The glove material must be impermeable and resistant to the substance.

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Eye protection: Tightly sealed goggles

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9 Physical and chemical properties

Appearance: Liquid.
Odor threshold: Not determined.
pH-value: Not determined.
Melting point/Melting range: Undetermined.
Boiling point: 90.5 °C (194.9 °F)
Flash point: 16 °C (60.8 °F)
Flammability (solid, gas): Highly flammable.
Decomposition temperature: Not determined.
Auto igniting: Product is not self-igniting.
Danger of explosion: In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit: Not determined.
Upper Explosion Limit: Not determined.
Vapor pressure: Not determined.
Vapor density: Not determined.
Evaporation rate: Not determined.
Partition coefficient: n-octanol/water: Not determined.
Solubility: Not determined.
Viscosity: Not determined.
Water: 0.0 %

10 Stability and reactivity

Conditions to avoid: No decomposition if used according to specifications.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

108-65-6 PM acetate

Oral	LD50	8,500 mg/kg (rat)
Inhalative	LC50/4 h	35.7 mg/l (rat)

110-19-0 Isobutyl Acetate

Oral	LD50	4,763 mg/kg (rbt)
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1333-86-4 Carbon black

Oral	LD50	10,000 mg/kg (rat)
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64742-48-9 Naphtha, hydrotreated heavy

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rab)

ethyl methyl ketoxime

Oral	LD50	100 mg/kg (ATE) 3,700 mg/kg (rat)
Dermal	LD50	1,100 mg/kg (ATE) 200-2,000 mg/kg (rat)
Inhalative	LC50/4 h	20 mg/l (rat)

Information on toxicological effects: No data available.
Skin effects: No irritant effect.
Eye effects: No irritating effect.
Sensitization: No sensitizing effects known.

12 Ecological information

Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Other information: This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinated solvents.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Other adverse effects: No further relevant information available.

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13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number
DOT
DOT
ADR
Transport hazard class(es):
Class
Special precautions for user:
EMS Number:
Stowage Category
UN "Model Regulation":

UN1263
Paint
1263 Paint
3 Flammable liquids
Warning: Flammable liquids
F-E, S-E
B
UN 1263 PAINT, 3, II

15 Regulatory information**SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

Toxic Substances Control Act (TSCA):

All hazardous ingredients are found on the inventory list of substances.

Canadian Domestic Substances List (DSL):

All ingredients are listed or exempted.

Consumer Product Safety

Comission (CPSC): This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

1333-86-4 Carbon black

Prop 65 chemicals known to cause birth defects or reproductive harm:

None of the ingredients is listed.

EPA:

110-19-0 Isobutyl Acetate

D

67-64-1 Acetone

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16 Other information

Contact: Regulatory Affairs