

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/02/2015

Reviewed on 10/02/2015

*** 1 Identification**

- **Product Identifier**
- **Trade name: Image Armor DARK Shirt Formula**
- **Relevant identified uses of the substance or mixture and uses advised against:**
Image Armor DARK is used to pretreat fabrics prior to direct garment printing.
- **Product Description** Image Armor DARK is used to pretreat fabrics prior to direct garment printing.
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
Image Armor, LLC
220 First Dr. NE
New Philadelphia, OH 44663
Phone: 877-673-4377
Fax: 330-2676-7437
www.imagearmorinks.com
- **Emergency telephone number:** 877-673-4377

*** 2 Hazard(s) Identification**

- **Classification of the substance or mixture:**



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2B H320 Causes eye irritation.

- **Label elements:**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**
Causes skin and eye irritation.
- **Precautionary statements:**
Wear protective gloves.
Wash thoroughly after handling.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.

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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**

Health = 1
Fire = 0
Reactivity = 0

- **HMS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

- **Hazard(s) not otherwise classified (HNOC):** None known

* 3 Composition/Information on Ingredients

	Trade Secret	15-35%
	⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	
7732-18-5	Water, distilled water, deionized water	≥85%

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous Components:** Non-Regulated Material
- **Additional information:**
Trade Secret made in accordance with paragraph (i) of 1910.1200 of 29 CF 1910.1200, the OSHA Communication Standard

* 4 First-Aid Measures

- **Description of first aid measures:**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation occurs, consult a doctor.
- **After eye contact:**
Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- **Extinguishing media:**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters:**
- **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

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6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

* 7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool, dry place.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** No further relevant information available..
- **Specific end use(s):** No further relevant information available.

* 8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

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 · **Eye protection:**


Safety glasses

* 9 Physical and Chemical Properties

 · **Information on basic physical and chemical properties**

 · **General Information**

 · **Appearance:**

Form:	Liquid
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Color:	Not determined.
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· Odor:	Not determined
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· Odor threshold:	Not determined.
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· pH-value:	Acidic
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 · **Change in condition**

Melting point/Melting range:	Not determined.
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Boiling point/Boiling range:	64 °C (147 °F)
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· Flash point:	Not determined
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· Flammability (solid, gaseous):	Not applicable.
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· Ignition temperature:	Not determined
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· Decomposition temperature:	Not determined.
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· Auto igniting:	Product is not self-igniting.
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· Danger of explosion:	Product does not present an explosion hazard.
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 · **Explosion limits:**

Lower:	Not determined.
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Upper:	Not determined.
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· Vapor pressure @ 20 °C (68 °F):	59 hPa (44 mm Hg)
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 · **Density:**

Relative density:	Not determined.
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Vapor density:	Not determined.
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Evaporation rate:	Not determined.
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 · **Solubility in / Miscibility with:**

Water:	Not miscible or difficult to mix.
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· Partition coefficient (n-octanol/water):	Not determined.
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 · **Viscosity:**

Dynamic:	Not determined.
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Kinematic:	Not determined.
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· Other information:	No further relevant information available.
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* 10 Stability and Reactivity

 · **Reactivity:** No further relevant information available.

 · **Chemical stability:** Stable under normal conditions.

 · **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

* **11 Toxicological Information**

- **Information on toxicological effects:**
- **Acute toxicity:**
- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** Irritating effect.
- **Additional toxicological information:**
- **Carcinogenic categories:**

<ul style="list-style-type: none"> · IARC (International Agency for Research on Cancer):
None of the ingredients are listed.

<ul style="list-style-type: none"> · NTP (National Toxicology Program):
None of the ingredients are listed.

<ul style="list-style-type: none"> · OSHA-Ca (Occupational Safety & Health Administration):
None of the ingredients are listed.

* **12 Ecological Information**

- **Toxicity:**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

* **13 Disposal Considerations**

- **Waste treatment methods:**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

* **14 Transport Information**

- **UN-Number:**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material

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- **Transport hazard class(es):**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

*** 15 Regulatory Information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

· Section 355 (extremely hazardous substances): None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

· TSCA (Toxic Substances Control Act): All ingredients are listed.
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· **California Proposition 65:**

· Chemicals known to cause cancer: None of the ingredients are listed.
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· Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

· Chemicals known to cause developmental toxicity: None of the ingredients are listed.
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- **Carcinogenic categories:**

· EPA (Environmental Protection Agency): None of the ingredients are listed.
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· TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.

- **GHS label elements**
 The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



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- **Precautionary statements:**
Wear protective gloves.
Wash thoroughly after handling.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.

· National regulations:	
The product is subject to be classified according with the latest version of the regulations on hazardous substances.	

· State Right to Know:		
7732-18-5	Water, distilled water, deionized water	≥85%
	Trade Secret	15-35%
	⚠ Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	
All ingredients are listed.		

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **Date of preparation / last revision:** 10/02/2015 / 7
- **Abbreviations and acronyms:**
 ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 VOC: Volatile Organic Compounds (USA, EU)
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
- *** Data compared to the previous version altered.**
 SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106