



# USA - OSHA SAFETY DATA SHEET

Issue Date: 26-August-2015      Revision Date:    /    /

## 1. IDENTIFICATION

**Product Name:**            Lead Shot

**Synonyms:**                Reload Lead, Magnum Shot, Hard shot, Chill Shot, Copper plated shot, Buck shot, Free flow shot (dust), Ballast shot, Radiation shot

**Recommended Uses:**    Reload shells (ammunition), ballast, radiation shielding

**Uses Advised Against:** Jewelry, toys

**Manufacturer:**  
Ames Metal Products  
2211 Foster ave  
Wheeling, IL 60090  
Ph: 847-749-1672

## 2. HAZARDS IDENTIFICATION

### List Elements



**DANGER**

#### Hazard Statements

Lead - May cause cancer. May damage fertility or the unborn child. May cause harm to breastfed children. Cause damage to central nervous system, blood formation and kidneys and cardiovascular system through prolonged or repeated exposure.

Hazard Statements - May cause cancer May damage fertility or the unborn child May cause harm to breastfed children Cause damage to central nervous system, blood formation and kidneys and cardiovascular system through prolonged or repeated exposure

**Appearance:** Gray with bluish or silvery cast depending on alloy

**Physical State:** Solid

**Odor:** Odorless

### Classification

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

Carcinogenicity	Category 1B
Reproductive toxicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 1

#### Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area Do not breathe dust/fume/gas/mist/vapors/spray

#### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth

#### Precautionary Statements - Storage

Store locked up

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Other information

Very toxic to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Material	% by Wt.	CAS #	OSHA EXPOSURE LIMIT
Lead	91 - 99.99	7439-92-1	0.05 mg/cubic meter
Antimony	0.5 - 6.5	7440-36-0	0.50 mg/cubic meter
Arsenic	0.1 - 2.0	7440-38-2	0.01 mg/m <sup>3</sup>
Copper	0.1 - 1.0	7440-50-8	0.10 mg/m <sup>3</sup>

### 4. First Aid Measures

#### First Aid Measures

<b>Eye Contact:</b>	In case of eye contact, immediately flush eyes with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get medical attention if irritation persists. Do not rub affected area.
<b>Skin Contact:</b>	Wash off immediately with soap and plenty of water. If skin irritation persists, call a Physician.
<b>Inhalation:</b>	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical Attention immediately. If conscious, have victim clear nasal passages.
<b>Ingestion:</b>	Seek immediate medical attention. Rinse mouth. Drink plenty of water. Induce Vomiting, but only if victim is fully conscious.

**Most important symptoms and effects, both acute and delayed**

**Symptoms:** Acute (short term) exposure: Lead is a potent, systemic poison; taken in large enough Doses, lead can kill in a matter of days. Acute encephalopathy may arise which develops 3 Quickly to seizures, coma and death from cardiorespiratory arrest. Chronic (long term) exposure: Chronic overexposure to lead may result in severe damage To blood forming. Nervous, urinary and reproductive systems. Some common symptoms Of chronic overexposure include loss of appetite, metallic taste in mouth, anxiety, Constipation, nausea, pallor, excessive tiredness, weakness, insomnia, headache, Nervous irritability, muscle and joint pain, fine tremors, numbness, dizziness, Hyperactivity, colic.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians:** Treat symptomatically.

## 5. FIRE - FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, foam or CO2

Specific hazards arising from the chemical: May give off toxic fumes in a fire, including lead fumes.

Explosion data:

Sensitivity to Mechanical Impact: None known.

Sensitivity to Static Discharge: None known.

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. Lead is not considered to be a fire hazard. Powder/dust is flammable when heated or exposed to flame.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Evaluate personnel to safe areas. Avoid contact with skin, eyes and inhalation of dusts. Use personal protection recommended in Section 8.

**For emergency responders:** Wear respiratory protection. Wear proper personal protective equipment (gloves and goggles). Wear appropriate outer garment to protect clothing.

**Environmental precautions**

**Environmental precautions:** Prevent entry into waterways, sewers, surface drainage systems and poorly

ventilated areas.

#### Methods and material for containment and cleaning up

- Methods for containment:** Avoid creating dust. Safely stop source of spill. Restrict non-essential personnel from area. All personnel involved in spill cleanup should avoid skin and eye contact by wearing appropriate personal protection equipment. Do not breathe dust.
- Methods for cleaning up:** Avoid dust formation. Clean up dusts with high efficiency particulate air (HEPA) filtered vacuum equipment or by wet cleaning.
- Prevention of secondary hazards:** Clean contaminated objects and area thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

- Advice on safe handling:** Use personal protection recommended in Section 8. Avoid generation of dust. Be familiar with the requirements set forth in the OSHA Lead Standard, 29 CFR 1910.1025.

#### Conditions for safe storage, including any incompatibilities

- Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.
- Incompatible materials:** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Lead 7439-92-1	TWA: 0.15 mg/m <sup>3</sup> Pb	TWA: 0.05 mg/m <sup>3</sup> Pb	IDLH: 100 mg/m <sup>3</sup> Pb TWA: 0.050 mg/m <sup>3</sup> Pb
Antimony 7440-36-0	TWA: 0.5 mg/m <sup>3</sup> Sb	TWA: 0.5 mg/m <sup>3</sup> Sb	IDLH: 0.50 mg/m <sup>3</sup> Sb TWA: 0.5 mg/m <sup>3</sup> Sb
Arsenic 7440-38-2	TWA: 0.01 mg/m <sup>3</sup> ,A1 As	TWA: 0.01 mg/m <sup>3</sup> As	IDLH: 5mg/m <sup>3</sup> As TWA: 0.002 mg/m <sup>3</sup> As 15- minute ceiling
Copper 7440-50-8	TWA: 1.0 mg/m <sup>3</sup> Cu	TWA: 1.0 mg/m <sup>3</sup> Cu	IDLH: 2000 mg/m <sup>3</sup> Cu TWA: 1.0 mg/m <sup>3</sup> Cu

#### Appropriate engineering controls

- Engineering Controls:** Use contained process enclosures, local exhaust ventilation or other engineering controls to maintain aerosols below the exposure limit. If user operations generate dust, fume or mist use ventilation to keep exposure to airborne contaminants below the exposure limit.

#### Individual protection measures, such as personal protective equipment

- Eye/face protection:** Use safety glasses with side shields or chemical goggles

- Skin and body protection:** Protective clothing is required if exposure exceeds the PEL or TLV or where possibility of skin or eye irritation exists. Full body cotton or disposable coveralls and disposable gloves should be worn during use and handling. Clothing should be left at work site and be properly disposed of or laundered after use. The wash water should be disposed of in accordance with local, state and federal regulations. Personal clothing should be protected from contamination.
- Respiratory protection:** If engineering controls cannot maintain airborne concentrations below exposure limits, use appropriate, approved respiratory protection (a 42 CFR 84 class N, R, or P-100 particulate filter cartridge). When exposure levels are unknown, a self-contained breathing apparatus which supplies a positive air pressure within a full face-piece mask should be worn. Utilization of respiratory equipment should be in accordance with 29 CFR 1910.1025 and 29 CFR 1910.134
- General Hygiene Considerations:** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear disposable gloves and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

- Physical state:** Solid
- Appearance:** Gray with bluish or silvery cast depending on alloy
- Odor:** Odorless

<u>Property</u>	<u>Values</u>	<u>Remarks *Method</u>
pH:	Not available	
Melting point/freezing point:	>600°C	
Boiling point/boiling range:	>600°C	
Flash Point:	Not applicable (high-melting point solid)	
Evaporation rate:	Not applicable (high-melting point solid)	
Flammability (solid, gas) :	Not combustible	
Flammability Limit in Air		
Upper flammability limit:	Not combustible	
Lower flammability limit:	Not combustible	
Vapor pressure:	Negligible	
Vapor density:	Not applicable (high-melting point solid)	
Specific Gravity:	9.96	
Water solubility:	70.2 mg/L at 20°C	

Solubility in other solvents:	Lead compounds, soluble in 0.07 M hydrochloric acid
Partition coefficient:	Not applicable (inorganic)
Auto ignition temperature:	Not combustible
Decomposition temperature:	>600°C
Dynamic viscosity:	Not applicable (solid)
Explosive properties:	Not considered to be explosive
Oxidizing properties:	Not considered to be oxidizing

#### Other information

Softening point:	Not available
Molecular weight:	Not available
VOC Content (%):	Not available
Bulk density:	Not available

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under normal conditions.

### Chemical stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

None under normal processing.  
Hazardous polymerization does not occur.

### Conditions to avoid Avoid

excessive exposure to heat.

### Incompatible materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Lead oxide fumes.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Hazardous exposure to lead compounds can occur only when product is heated, oxidized or otherwise processed or damaged to create dust, vapor or fume.

Inhalation:	Inhalation of lead dust or fumes may cause irritation of upper respiratory tract and lungs
Eye contact:	Lead compounds may cause eye irritation

**Skin contact:** Lead compounds are poorly absorbed through the skin

**Ingestion:** Acute ingestion of lead compounds may cause abdominal pain, nausea, vomiting, diarrhea and severe cramping. This may lead to rapidly systemic toxicity and must be treated by a physician.

**Component information:** Lead is slowly absorbed by ingestion and inhalation and poorly absorbed through the skin. If absorbed, lead will accumulate in the body with low rates of excretion, leading to long-term build up. Part of risk management is to take blood samples from workers for analysis to ensure that exposure levels are acceptable.

<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
Lead 7439-92-1	56 mg/m <sup>3</sup> Rat	Not available	100 mg/m <sup>3</sup> Rat
Antimony 7440-36-0	7500mg Sb/kg Rat	Not available	720 mg Cu/m <sup>3</sup> Rat
Arsenic 7440-38-2	763mg As/m <sup>3</sup> Rat	Not available	5.2 mg As/m <sup>3</sup> Cat
Copper 7440-50-8	1000 mg Cu/kg Rat	Not available	>2000 mg Cu/m <sup>3</sup> Mammal

Information on toxicological effects

**Symptoms:** Not available.

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

**Skin corrosion/irritation:** Lead metal granules or dust: May cause skin irritation by mechanical action. Lead metal foil, shot or sheets: Not likely to cause skin irritation.

**Serious eye damage/eye irritation:** Lead metal granules or dust: Can irritate eyes by mechanical action. Lead metal foil, shot or sheets: No hazard. Will not cause eye irritation.

**Inhalation:** In an industrial setting, exposure to lead mainly occurs from inhalation of dust or fumes. Lead dust or fumes: Can irritate the upper respiratory tract (nose, throat) as well as the bronchi and lungs by mechanical action. Lead dust can be absorbed through the respiratory system. However, inhaled lead does not accumulate in the lungs. All of an inhaled dose is eventually absorbed or transferred to the gastrointestinal tract. Inhalation effects of exposure to fumes or dust or inorganic lead may not develop quickly. Symptoms may include metallic taste, chest pain, decreased physical fitness, fatigue, sleep disturbance, headache, and irritability, reduces memory, mood and personality changes, aching bones and muscles, constipation, abdominal pains, decreasing appetite. Inhalation of large amounts may lead to ataxia, delirium, convulsions/seizures, coma, and death. Lead metal foil, shot, or sheets: Not an inhalation hazard unless metal is heated. If metal is heated, fumes will be released. Inhalation of these fumes may cause "fume metal fever", which is characterized by flulike symptoms. Symptoms may include metallic taste, fever, nausea, vomiting, chills, cough, weakness, chest pain, generalized muscle pain/aches, and increased white blood cell count.

**Ingestion:** Lead metal granules or dust: The Symptoms of lead poisoning include abdominal pain or cramps (lead colic), spasms, nausea, vomiting, headache, muscle weakness, hallucinations, distorted perceptions, "lead line" on the gums, metallic taste, loss of appetite, insomnia, dizziness and other symptoms similar to that of inhalation. Acute poisoning may result in high lead levels in the blood and urine, shock, coma and death

in extreme cases. Lead metal foil, shot or sheets: Not an ingestion hazard for usual industrial handling.

**Carcinogenic effects:**

Epidemiology studies of workers exposed to inorganic lead compounds have found a limited association with stomach cancer. This has led to the classification by IARC that inorganic lead compounds are probably carcinogenic to humans

<u>Chemical Name</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
Lead 7439-92-1	A3	2B	Reasonably Anticipated	Category 1B
Antimony 7440-36-0	A2	2B	Not Listed	Category 2
Arsenic 7440-38-2	A1	1	k	Category 1B
Copper 7440-50-8	Not Listed	Not Listed	Not Listed	Not Listed

**Reproductive toxicity:**

Exposure to high levels of lead may cause adverse effects on male and female, including adverse effects on sperm quality. Prenatal exposure to lead and its compounds is also associated with adverse effects on fetal development.

**STOT - single exposure:**

Lead has been found to be of relatively low acute toxicity by ingestion, in contact with skin, and by inhalation, with no evidence of any local or systemic toxicity from such exposures.

**STOT - repeated exposure:**

Lead is a cumulative poison and may be absorbed into the body through ingestion or inhalation. Inorganic lead compounds have been documented in observational human studies to produce toxicity in multiple organ systems and body function including the hematopoietic (blood) system, kidney function, reproductive function and the central nervous system. Postnatal exposure to lead compounds is associated with impacts on neurobehavioral development in children.

**Chronic toxicity:**

Lead is a cumulative poison. Increasing amounts of lead can build up in the body and may reach a point where symptoms and disabilities occur. Continuous exposure may result in decreased fertility. Lead is a teratogen. Overexposure of lead by either parent before pregnancy may increase the chances of miscarriage or birth defects. May cause cancer. Contains a known or suspected reproductive toxin. May cause adverse kidney effects.

**Target Organ Effects:**

Lead is a cumulative poison and may be absorbed into the body through ingestion or inhalation. Inorganic lead compounds have been documented in observational human studies to produce toxicity in multiple organ systems and body function including the hematopoietic (blood) system, kidney function, reproductive function and the central nervous system. Postnatal exposure to lead compounds is associated with impacts on neurobehavioral development in children.

**Aspiration hazard:**

Not available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document.

**Inhalation LC50:**

Soluble lead compounds are listed as a marine pollution according to DOT.

## 12. ECOLOGICAL INFORMATION

### Environmental Fate

Lead is very persistent in soil and sediments. No data on environmental degradation. Mobility of metallic lead between ecological compartments is slow. Bioaccumulation of lead occurs in aquatic and terrestrial animals and plants, but little bioaccumulation occurs through the food chain. Most studies include lead compounds and not elemental lead.

### Environmental Toxicity

Soluble lead compounds are listed as a marine pollution according to DOT.

<u>Chemical Name</u>	<u>Algae/aquatic plants</u>	<u>Fish</u>	<u>Toxicity to microorganisms</u>	<u>Crustacean</u>
Lead 7439-92-1	0.072-0.388: 72h Pseudokirchneriella subcapitata, Chlorella kessierii mg/L ErC50 (pH 5.5-6.5) 0.026-0.080: 72h Pseudokirchneriella subcapitata, Chlorella kessierii mg/L ErC50 (pH >6.5-7.5) 0.021-0.050: 72h Pseudokirchneriella subcapitata, Chlorella kessierii mg/L ErC50 (pH <7.5-8.5)	0.298: 96h Pimephales promelas mg/L LC50 static 0.041-1.810: 96h Pimephales promelas, Oncorhynchus mykiss mg/L LC50 (pH 5.5- 6.5) 0.052-3.60: 96h Pimephales promelas, Oncorhynchus mykiss mg/L LC50 (pH >6.5- 7.5) 0.114-3.25: 96h Pimephales promelas, Oncorhynchus mykiss mg/L LC50 (pH >7.5- 8.5) 56000: 96h Gambusia affinis mg/L LC50 static		0.074-0.656: 48h Daphnia magna, Ceriodaphnia dubia mg/L LC50 (pH 5.5- 6.5) 0.029-1.18: 48h Daphnia magna, Ceriodaphnia dubia mg/L LC50 (pH >6.5-7.5) 0.026-3.12: 48h Daphnia magna, Ceriodaphnia dubia mg/L LC50 (pH >7.5-8.5)
Antimony 7440- 36-0	None listed	Cyprinodont variegates: LC50 = 6.2- 8.3 mg/L/96h	None listed	None listed
Arsenic 7440-38- 2	None listed	Pimephales promelas (flathead minnow) LC50= 9.9mg/l - 96.0h	Daphnia magna (water flea) EC50= 3.8mg/l - 48h	None listed
Copper 7440-50-8	Pseudokirchneriella subcapitata: EC50 = .0426 - .0535 mg/L/72h	Pimephales promelas: LC50 = .0068 - .0156 mg/L/96h. Pimephales promelas (static): LC50 = .3mg/L/96h.	None listed	Daphnia magna: EC50 = .03 mg/L/48h

### Bioaccumulation

While lead metal and its compounds are generally insoluble, its processing or extended exposure in aquatic and terrestrial environments may lead to the release of lead in bioavailable forms. Lead compounds are not particularly mobile in the aquatic environments, but can be toxic for organisms, especially fish, at low concentrations. Water hardness, pH and dissolved organic carbon content are factors which regulate the degree of toxicity. In soil, lead compounds are generally not very bioavailable.

### Mobility

Lead and lead compounds will partially settle out due to their fairly low solubility and partially dissolve. In soil, lead and lead compounds are generally not very mobile or bioavailable, as they can be strongly absorbed on soil particles, increasingly over time. It also forms complexes with organic matter and clay minerals that limit its mobility. When released into the soil, this material is not expected to leach into groundwater.

Other adverse effects

Not available.

## 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes:	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging:	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

Note:	This product is not regulated for domestic transport by land, air or rail.  Under 49 CFR 171.8, individual packages that contain lead metal (<100 micrometers) below the reportable quantity (RQ) are not regulated. Under 49 CFR 171.4, except when transporting aboard a vessel, the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packaging transported by motor vehicles, rail cars and aircrafts.
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<u>DOT</u>	
Proper shipping name	Not applicable
Hazard Class	Not applicable
Packing Group	Not applicable
Reportable Quantity (RQ)	Not applicable
Marine pollutant	Soluble lead compounds are listed as a marine pollutant according to DOT.
Emergency Response Guide	Not applicable

## 15. REGULATORY INFORMATION

International Inventories:

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

<u>Legend:</u>	
TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances

KECL  
PICCS  
AICS

Korean Existing and Evaluated Chemical Substances  
Philippines Inventory of Chemicals and Chemical Substances  
Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the

Code of Federal Regulations, Part 372.

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Weight - %</u>	<u>SARA 313 - Threshold Values %</u>
Lead	7439-92-1	91-99.99	0.1
Antimony	7440-36-0	0.5-6.5	1.0
Arsenic	7440-38-2	0.1-2.0	0.1
Copper	7440-50-8	0.1 - 1.0	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<u>Chemical Name</u>	<u>CWA - Reportable Quantities</u>	<u>CWA - Reportable Quantities</u>	<u>CWA - Priority Pollutants</u>	<u>CWA - Hazardous Substances</u>
Lead 7439-92-1	10 lb.	X	X	X
Antimony 7440-36-0	5000 lb.	X	X	X
Arsenic 7440-38-2	1lb	x	x	x
Copper 7440-50-8	1lb	-	x	x

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

US State Regulations

California Proposition 65

This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

<u>Chemical Name</u>	<u>California Proposition 65</u>
Lead - 7439-92-1	Cancer
Antimony - 7440-36-0	Cancer
Arsenic - 7440-38-2	Developmental
Copper - 7440-50-8	Not Listed

US State Right-to-Know Regulations

<u>Chemical Name</u>	<u>New Jersey</u>	<u>Massachusetts</u>	<u>Pennsylvania</u>	<u>Illinois</u>	<u>Rhode Island</u>
Lead - 7439-92-1	X	X	X	-	x
Antimony - 7440-36-0	X	X	X	-	x
Arsenic - 7440-38-2	X	x	X	-	x
Copper - 7440-50-8	x	x	x	-	x

US EPA Label Information

EPA Pesticide Registration Number Not available

## 16. OTHER INFORMATION

Issue Date 26-August-2015  
Revision Date  
Revision Note None

Disclaimer

This 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 guidance for safe handling, use, Processing, storage, transportation, disposal and release and is not to be considered a warranty or quality Specification. The information materials or in any process, unless specified in the text.