Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name Buehler Epo-Kwik Resin / SDS# 9102395

SDS Number/Grade • 9102395

Product Code 20-8128: 20-8129: 20-8136-128

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

Relevant identified use(s) Epoxy resin

1.3 Details of the supplier of the safety data sheet

Manufacturer BUEHLER, a division of Illinios Tool Works Inc.

> 41 Waukegan Road Lake Bluff, IL 60044 **United States**

Telephone (Technical) • 847-295-6500

1.4 Emergency telephone number

Manufacturer 800-424-9300 - CHEMTREC

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP Skin Irritation 2 - H315

Skin Sensitization 1 - H317 Eve Irritation 2 - H319

Hazardous to the aquatic environment Chronic 2 - H411

DSD/DPD

Dangerous to the Environment (N)

R36/38, R43, R51, R53

2.2 Label Elements

Preparation Date: 23/March/2009

Revision Date: 24/June/2015

CLP

WARNING





Hazard statements • H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements

Prevention • P261 - Avoid breathing mists, vapours, and/or spray.

P264 - Wash thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response • P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P362 - Take off contaminated clothing and wash before reuse.

P321 - Specific treatment, see supplemental first aid information. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage.

Storage/Disposal • P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD





Risk phrases • R36/38 - Irritating to eyes and skin.

R43 - May cause sensitisation by skin contact.

R51 - Toxic to aquatic organisms.

R53 - May cause long-term adverse effects in the aquatic environment.

2.3 Other Hazards

CLP

According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD

According to European Directive 1999/45/EC this material is considered dangerous.

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2.1 Classification of the substance or mixture

UN GHS

Skin Irritation 2 Skin Sensitization 1 Eve Irritation 2

2.2 Label elements

UN GHS

WARNING



Hazard statements • Causes skin irritation

May cause an allergic skin reaction Causes serious eye irritation

Precautionary statements

Preparation Date: 23/March/2009

Revision Date: 24/June/2015

Prevention • Avoid breathing mists, vapours, and/or spray. Wash thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response • IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse. Specific treatment, see supplemental first aid information. If skin irritation or rash occurs: Get medical advice/attention.

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.

Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

UN GHS

According to the Globally Harmonized System for Classification and Labeling (GHS) this product is considered hazardous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

 Skin Irritation 2 Skin Sensitization 1 Eve Irritation 2

2.2 Label elements

OSHA HCS 2012

WARNING



Hazard statements • Causes skin irritation

May cause an allergic skin reaction Causes serious eye irritation

Precautionary statements

Prevention • Avoid breathing mists, vapours, and/or spray. Wash thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves and eye/face protection, .

Response . If on skin: Wash with plenty of water .

Specific treatment, see supplemental first aid information. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention.

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.

Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

OSHA HCS 2012

Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS

• Other Toxic Effects - D2B

2.2 Label elements WHMIS



• Other Toxic Effects - D2B

2.3 Other hazards WHMIS

• In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

• Material does not meet the criteria of a substance.

3.2 Mixtures

			Composition		
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Bisphenol A diglycidyl ether polymer	CAS:25068-38-6 EC Number:500- 033-5 EU Index:603- 074-00-8	60% TO 100%	Ingestion/Oral-Rat LD50 • >5000 mg/kg Skin-Rabbit LD50 • >20 mL/kg	UN GHS: Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1 EU DSD/DPD: Annex VI, Table 3.2: Xi, R36/38; R43; N, R51, R53 EU CLP: Annex VI, Table 3.1: Eye Irrit. 2, H319; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411 OSHA HCS 2012: Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1	NDA
Oxirane, mono((C12- 14-alkyloxy)methyl) derivatives	CAS:68609-97- 2 EC Number:271- 846-8 EU Index:603- 103-00-4	5% TO 10%	Ingestion/Oral-Rat LD50 • 17100 mg/kg	UN GHS: Skin Irrit. 2; Skin Sens. 1 EU DSD/DPD: Annex VI, Table 3.2: Xi, R38; R43 EU CLP: Annex VI, Table 3.1: Skin Irrit. 2, H315; Skin Sens. 1, H317 OSHA HCS 2012: Skin Irrit. 2; Skin Sens. 1	NDA
Alkyl glycidyl ether	NDA	5% TO 10%	NDA	UN GHS: Not Classified EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Acrylate ester	NDA	5% TO 10%	NDA	UN GHS: Not Classified EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA

See Section 16 for full text of H-statements and R-phrases.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

• Remove to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

• Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

Eye

• In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

• Do NOT induce vomiting. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person. Obtain medical attention immediately if ingested.

4.2 Most important symptoms and effects, both acute and delayed

• Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

 All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media • Water fog, foam, dry chemical, CO2.

Unsuitable Extinguishing Media

No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

• Containers may explode when heated.

Hazardous Combustion Products

 Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion.

5.3 Advice for firefighters

 Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.

Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

 Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures

 As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stay upwind. Keep out of low areas. Keep unauthorized personnel away.

6.2 Environmental precautions

Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

Preparation Date: 23/March/2009

Revision Date: 24/June/2015

Stop leak if you can do it without risk.
 SMALL SPILLS: Take up with sand or other non-co.

SMALL SPILLS: Take up with sand or other non-combustible absorbent material and

place into containers for later disposal. LARGE SPILLS: Dike far ahead of spill for later disposal.

6.4 Reference to other sections

 Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

 Use only with adequate ventilation. Empty containers retain product residue and can be hazardous. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours and/or spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage

• Keep container tightly closed. Store in a cool, dry place.

7.3 Specific end use(s)

Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines

No applicable exposure limits available for product or components.

8.2 Exposure controls

Engineering Measures/Controls

 Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

 In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

Wear chemical splash safety goggles.

Skin/Body

Wear appropriate gloves.

Environmental Exposure Controls

 Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Clear light yellow liquid with a mild acrylic odor.
Color	Clear light yellow.	Odor	Mild acrylic.
Odor Threshold	Data lacking		
General Properties			

Boiling Point	405 to 580 F(207.2222 to 304.4444 C)	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	= 1.1056 Water=1	Water Solubility	Negligible
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	200 F(93.3333 C) PMCC (Pensky- Martins Closed Cup)	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Excess heat.

10.5 Incompatible materials

 Strong Lewis or mineral acids. Strong bases or oxidants. Reaction with amines and mercaptans in large amounts or under uncontrolled conditions releases considerable heat and may release acrid fumes. Free radical initiators.

10.6 Hazardous decomposition products

 Oxides of carbon. Aldehydes and acids from incomplete combustion. Phenolic compounds.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components
Acute Toxicity: Ingestion/Oral-Rat LD50 • 13600 mg/kg; Behavioral:Somnolence (general depressed activity); Lungs, Thorax, or Respiration:Dyspnea; Nutritional and Gross Metabolic:Gross Metabolite Changes:Weight loss or decreased weight gain; Skin-Rabbit LD50 • >20 mL/kg; Irritation: Eye-Rabbit • 100 mg • Mild irritation; Skin-Rabbit • 2 mg 24 Hour(s) • Severe irritation; Multi-dose Toxicity: Ingestion/Oral-Rat TDLo • 273 g/kg 26 Week(s)-Continuous; Kidney, Ureter, and

Bisphenol A diglycidyl ether polymer (60% TO 100%)	25068- 38-6	Bladder:Changes in bladder weight; Nutritional and Gross Metabolic:Gross Metabolite Changes:Weight loss or decreased weight gain; Reproductive: Skin-Guinea Pig TDLo • 6111 mg/kg (10-66D preg); Reproductive Effects:Effects on Fertility:Abortion; Reproductive Effects:Effects on Embryo or Fetus:Extra embryonic structures; Reproductive Effects:Effects on Embryo or Fetus:Fetal death; Tumorigen / Carcinogen: Skin-Mouse TDLo • 16480 mg/kg 2 Year(s)-Intermittent; Tumorigenic:Equivocal tumorigenic agent by RTECS criteria; Lungs, Thorax, or Respiration:Tumors; Skin and Appendages:Other:Tumors
Oxirane, mono((C12-14- alkyloxy)methyl) derivatives (5% TO 10%)	68609- 97-2	Acute Toxicity: Ingestion/Oral-Rat LD50 • 17100 mg/kg; Irritation: Skin-Rabbit • 500 μL 24 Hour(s) • Moderate irritation

GHS Properties	Classification
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2 UN GHS • Skin Irritation 2
Skin sensitization	EU/CLP • Skin Sensitizer 1 OSHA HCS 2012 • Skin Sensitizer 1 UN GHS • Skin Sensitizer 1
STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Serious eye damage/Irritation	EU/CLP • Eye Irritation 2 OSHA HCS 2012 • Eye Irritation 2 UN GHS • Eye Irritation 2

Potential Health Effects Inhalation

Acute (Immediate)

Chronic (Delayed)

Skin

Acute (Immediate)

Chronic (Delayed)

Eye

Acute (Immediate)

Chronic (Delayed)

Ingestion

Acute (Immediate)

Chronic (Delayed)

Key to abbreviations

LD = Lethal Dose
TD = Toxic Dose

- Vapors and/or aerosols formed at elevated temperatures can be irritating.
- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash.
- No data available.
- Causes serious eye irritation.
- No data available.
- May cause irritation if swallowed.
- No data available.

Section 12 - Ecological Information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Material data lacking.

12.3 Bioaccumulative potential

Material data lacking.

12.4 Mobility in Soil

Material data lacking.

12.5 Results of PBT and vPvB assessment

• No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

. No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
ı	I .	I	1	l .	

DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user

• None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

. Data lacking.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute, Chronic

			Inventory			
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Bisphenol A diglycidyl ether polymer	25068-38-6	Yes	No	No	No	Yes
Oxirane, mono ((C12-14-alkyloxy) methyl) derivatives	68609-97-2	Yes	No	Yes	No	Yes

Canada

Canada - WHMIS - Classifications of Substances		
 Oxirane, mono((C12-14-alkyloxy)methyl) derivatives 	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	D2B
Canada - WHMIS - Ingredient Disclosure List		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed

Environment

Canada - CEPA - Priority Substances List		
 Oxirane, mono((C12-14-alkyloxy)methyl) derivatives 	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed

United States

68609-97-2	Not Listed	
68609-97-2	Not Listed	
	NOT LISTER	
25068-38-6	Not Listed	
68609-97-2	Not Listed	
25068-38-6	Not Listed	
	68609-97-2	68609-97-2 Not Listed

Environment		
U.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants		
 Oxirane, mono((C12-14-alkyloxy)methyl) derivatives 	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed
U.S CERCLA/SARA - Hazardous Substances and their Reportable Quantities		
 Oxirane, mono((C12-14-alkyloxy)methyl) derivatives 	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed
U.S CERCLA/SARA - Radionuclides and Their Reportable Quantities		
 Oxirane, mono((C12-14-alkyloxy)methyl) derivatives 	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed
U.S CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed
U.S CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs		
 Oxirane, mono((C12-14-alkyloxy)methyl) derivatives 	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed
U.S CERCLA/SARA - Section 313 - Emission Reporting		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed
U.S CERCLA/SARA - Section 313 - PBT Chemical Listing		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2	Not Listed
Bisphenol A diglycidyl ether polymer	25068-38-6	Not Listed

United States - California

Environment U.S California - Proposition 65 - Carcinogens List		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2 No	t Listed
Bisphenol A diglycidyl ether polymer	25068-38-6 No	t Listed
U.S California - Proposition 65 - Developmental Toxicity		
 Oxirane, mono((C12-14-alkyloxy)methyl) derivatives 	68609-97-2 No	t Listed
Bisphenol A diglycidyl ether polymer	25068-38-6 No	t Listed
U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL)	
 Oxirane, mono((C12-14-alkyloxy)methyl) derivatives 	68609-97-2 No	t Listed
Bisphenol A diglycidyl ether polymer	25068-38-6 No	t Listed
U.S California - Proposition 65 - No Significant Risk Levels (NSRL)		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2 No	t Listed
Bisphenol A diglycidyl ether polymer	25068-38-6 No	t Listed
U.S California - Proposition 65 - Reproductive Toxicity - Female		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2 No	t Listed
Bisphenol A diglycidyl ether polymer	25068-38-6 No	t Listed
U.S California - Proposition 65 - Reproductive Toxicity - Male		
Oxirane, mono((C12-14-alkyloxy)methyl) derivatives	68609-97-2 No	t Listed
Bisphenol A diglycidyl ether polymer	25068-38-6 No	t Listed

15.2 Chemical Safety Assessment

• No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Relevant Phrases (code & full text)

R38 - Irritating to skin.

Last Revision Date Preparation Date • 24/June/2015

Disclaimer/Statement of Liability

• 23/March/2009

 To the best of our knowledge, the information contained in this SDS is accurate or is obtained from sources believed to be accurate. However, no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein. Buyer assumes liability in its use of the material.

Key to abbreviations NDA = No Data Available