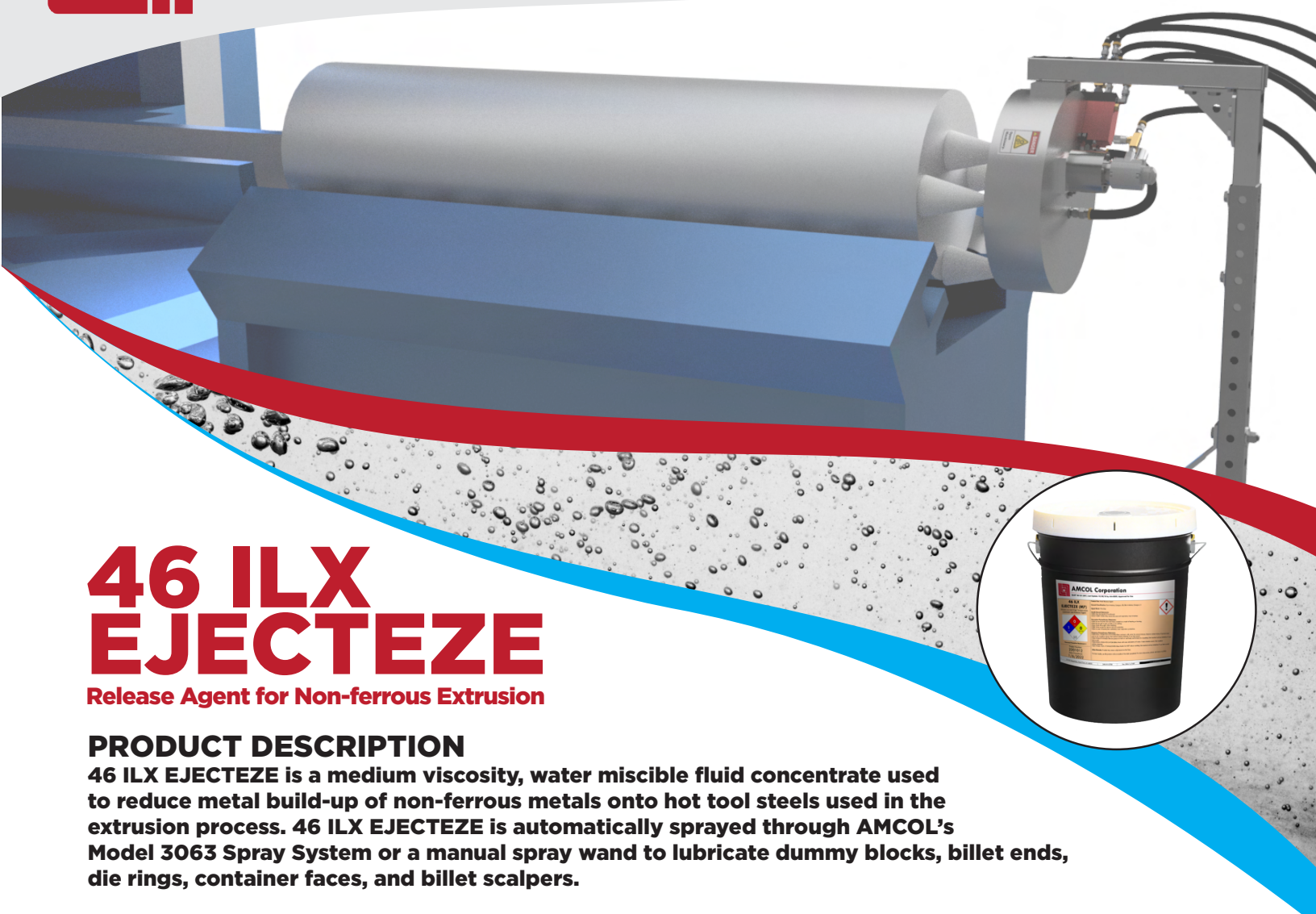




AMCOL Corporation

Proven technology, refined over decades.



46 ILX EJECTEZE

Release Agent for Non-ferrous Extrusion

PRODUCT DESCRIPTION

46 ILX EJECTEZE is a medium viscosity, water miscible fluid concentrate used to reduce metal build-up of non-ferrous metals onto hot tool steels used in the extrusion process. 46 ILX EJECTEZE is automatically sprayed through AMCOL's Model 3063 Spray System or a manual spray wand to lubricate dummy blocks, billet ends, die rings, container faces, and billet scalpers.

46 ILX EJECTEZE does not contain graphite, boron nitride, silicone, heavy metals, metal soaps, phosphorus, or other related chemicals that might adversely affect extrusion process safety or performance.

46 ILX EJECTEZE is diluted with water and applied to one or both sides of all metal/tooling interfaces. Once applied to a hot metal surface, the water carrier evaporates, and a dry parting compound film is left behind to perform the release. Since the solid film remains where applied, successful implementation of the application equipment is very important.

ADVANTAGES

- Prevents aluminum build up on tooling.
- Superior release and lubrication properties.
- Stable as received and when mixed with water.
- In-process, automated lubrication possible.
- Blistering and inclusions are reduced or eliminated.
- Freeze/thaw stable in shipping.



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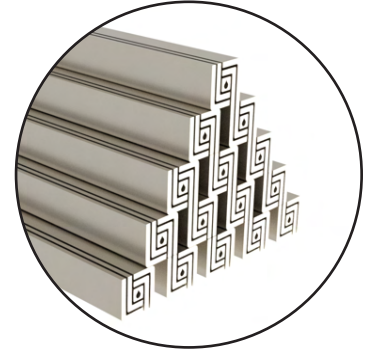


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Method of Application and Cleaning

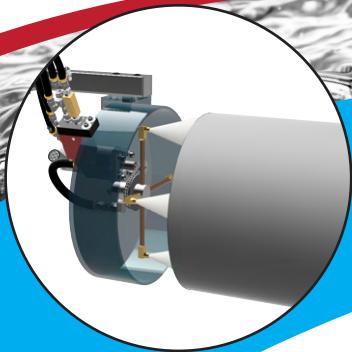
46 ILX EJECTEZE performs best when applied through the AMCOL Model 3063 Spray System which employs a rotating nozzle to quickly coat a round pattern with an extremely light coating.

A manual spray wand is suggested for areas not well suited to the Model 3063 rotating nozzle pattern.

The recommended dilution is 3 parts water to 1 part 46 ILX EJECTEZE concentrate.

A refractometer is recommended to ensure proper dilution, monitoring, and adjustment. Reference the product Technical Bulletin for refractometer correlation chart.

46 ILX EJECTEZE may be removed using an industrial alkaline cleaner.



Typical Physical and Chemical Properties

Physical State: Liquid at 25 deg C

Odor and Appearance: Clear amber liquid with a bland odor

Solubility (in water): Soluble

Specific Gravity: 0.95-1.05

pH: 8.0-9.0

Viscosity: 5-25 centipoise at 25 deg C

Special Precautions: None



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