



Technical Data Sheet (TDS)

Issued by:

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OEM IRON REMOVER

Product Lineup

- OEM Iron Remover 800ml
- OEM Iron Remover 4L
- OEM Iron Remover 18L
- OEM Iron Remover 20L

1. Product Concept

This product is a specialized cleaner developed to chemically dissolve and remove iron particles and brake dust from vehicle surfaces.

Its active ingredient (ammonium thioglycolate) reacts with iron contamination, turning purple as it works.

The neutral formulation makes it safe for paint, wheels, and glass, and ideal for use during post-wash or pre-coating preparation.

2. Composition & Key Features



- Type: Neutral iron remover
- pH: Neutral
- Form: Liquid
- Recommended Usage Amount: Approx. 100 ml per vehicle
- Applicable Materials: Paint, wheels, glass
- Finish: Smooth and clean surface

Grade Configuration

- Neutral Type

Key Features

- Chemically dissolves iron particles and brake dust with visible purple reaction
- Safe for paint, coated surfaces, wheels, and glass due to its neutral pH
- No physical polishing required – prevents clay-induced scratches
- Easy spray-on, rinse-off application
- Effective for both detailing and regular maintenance

3. Performance & Characteristics

Removal Performance

Active components chemically react with iron deposits, breaking them down for easy rinsing. The purple color change visually indicates reaction progress and completion.

Safety

Neutral formulation ensures safety for paint, glass, coatings, and wheel finishes. Gentler on materials compared to strong acidic or alkaline removers.

Ease of Operation

Simply spray, wait a few minutes, and rinse — no rubbing or special tools required. Eliminates the need for clay use and prevents surface marring.

Non-Applicable Contaminants

Does not react with water stains or paint mist.
Use dedicated products for those contaminants when needed.



4. Recommended Application Areas

- Painted body panels
- Steel, alloy, and chrome wheels
- Glass surfaces

Always test on inconspicuous areas when used on plated or delicate surfaces.

5. Application Method

1. Wash the vehicle to remove dirt and dust.
2. Spray evenly over the paint or wheel surface.
3. Allow several minutes for the product to react — it will turn purple as it dissolves iron.
4. Do not allow the product to dry on the surface.
5. Rinse thoroughly with plenty of water.
6. Finish by washing again or wiping dry to remove any residue.

(For heavy contamination, repeat the process for complete removal.)

6. Precautions During Application

- Avoid use under direct sunlight or on hot panels
- Do not allow the product to dry on the surface
- Not effective for water stains or paint overspray
- Test on plated or bare metal before full application
- Always wear protective gloves during use

7. Summary of Product Properties



- Product Type: Neutral iron remover
- Form: Liquid (spray type)
- Usage per Vehicle: Approx. 100 ml
- pH Level: Neutral
- Target Contaminants: Iron particles, brake dust
- Material Safety: High
- Application Difficulty: Very easy (beginner-friendly)
- Country of Origin: Japan

8. Remarks

- Designed exclusively for removing iron contamination.
- Follow up with car shampoo or washing after use.
- This document is based on internal test data and field results; performance is not guaranteed.

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The information contained in this Technical Data Sheet is based on current technical knowledge at the time of publication.

Specifications and details are subject to change without prior notice.